## TOBACCO INSTITUTE TESTING LABORATORY TAR, NICOTINE AND CARBON MONOXIDE SUMMARIES MARKET SAMPLE NO. 26

TAR, NICOTINE

AND

CARBON MONOXIDE

ALPHABETICAL DATA SUMMARY

BY COMPANY

American Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Bull Durham KFSP	29.1 <u>+</u> 0.6	2.10±0.06	23.1 <u>+</u> 0.4
Carlton KFHP	*	<0.02	0.0 <u>+</u> 0.03
Carlton KFSP	0.8±0.1	0.12 <u>+</u> 0.01	1.8±0.1
Carlton KFMSP	0.4 + 0.1	$0.09\pm0.01$	$1.1 \pm 0.1$
Carlton 100's 100FHP	$0.4 \pm 0.1$	$0.09\pm0.01$	0.8±0.1
Carlton 100's 100FMHP	$0.6 \pm 0.1$	$0.10\pm0.02$	0.8±0.2
Carlton 100's 100FSP		0.42 <u>+</u> 0.02	5.7±0.4
Carlton 100's 100FMSP	4.1+0.3	$0.43 \pm 0.03$	$5.6\pm0.5$
		$0.58\pm0.02$	
		$0.66 \pm 0.03$	
Half & Half KFSP	$17.8 \pm 0.5$		
Herbert Tareyton KNFSP	$27.6 \pm 0.7$	$1.94 \pm 0.05$	
Iceberg 100's 100FMSP	$2.5 \pm 0.1$	$0.28 \pm 0.01$	
Long Johns 120FSP	$18.7 \pm 0.5$	$1.59\pm0.04$	$19.8 \pm 0.8$
Long Johns 120FMSP	15.9 <u>+</u> 0.5	$1.43\pm0.04$	$17.9 \pm 0.9$
Lucky Strike RNFSP	24.5 <u>+</u> 0.6	$1.56\pm0.03$	$16.9 \pm 0.4$
Lucky Ten KFSP	8.6+0.3	0.74+0.03	$10.6 \pm 0.3$
Lucky 100's 100FSP	3.2±0.1 15.8±0.3 24.8±0.6 17.6±0.4 16.0±0.4	$0.34 \pm 0.01$	$5.0 \pm 0.2$
Montclair KFMSP	15.8 <u>+</u> 0.3	0.34 <u>+</u> 0.01 1.11 <u>+</u> 0.03	$16.1 \pm 0.4$
Pall Mall KNFSP	24.8 <u>+</u> 0.6	1.70±0.04	17.4+0.4
Pall Mall KFSP	$17.6 \pm 0.4$	$1.29\pm0.04$	18.6±0.6
Pall Mall 100FSP	16.0 <u>+</u> 0.4	$1.31\pm0.03$	16.6 <u>+</u> 0.5
Pall Mall Extra Light KFSP	6.4 <u>+</u> 0.2	0.64 <u>+</u> 0.02	7.2 <u>+</u> 0.2
Pall Mall Light 100's 100FSP	9.0 <u>+</u> 0.3	0.86 <u>+</u> 0.02	8.5 <u>+</u> 0.3
Pall Mall Light 100's 100FMSP	$12.8 \pm 0.3$	$1.14 \pm 0.03$	$12.8 \pm 0.3$
Silva Thins 100's 100FSP	12.2 <u>+</u> 0.5	1.15 <u>+</u> 0.04	$10.4 \pm 0.4$
Silva Thins 100's 100FMSP	$11.9 \pm 0.5$	1.14 <u>+</u> 0.05	$10.2 \pm 0.4$
Tall 120s 120FSP	$18.2 \pm 0.5$	1.60 <u>+</u> 0.04	20.1 <u>+</u> 0.4
Tall 120s 120FMSP	16.0 <u>+</u> 0.4	1.42 <u>+</u> 0.03	$17.6 \pm 0.8$
Tareyton KFSP	14.8 <u>+</u> 0.4	1.12 <u>+</u> 0.03	16.5 <u>+</u> 0.6
Tareyton 100's 100FSP	$14.3 \pm 0.4$	$1.15 \pm 0.03$	$17.1 \pm 0.6$
	$4.4 \pm 0.3$	0.42 <u>+</u> 0.02	5.1 <u>+</u> 0.3
Tareyton Long Lights 100FSP	$7.0 \pm 0.4$	$0.68\pm0.04$	7.5 <u>+</u> 0.5
Tareyton Ultra Low Tar KFMSP			$1.4 \pm 0.4$

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<sup>\*</sup>Not possible to determine precisely with current methodology.

Brown & Williamson	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Barclay KFHP	0.9 <u>+</u> 0.2	0.15 <u>+</u> 0.03	1.2 <u>+</u> 0.2
Barclay KFSP	$0.8 \pm 0.2$	$0.12 \pm 0.02$	$1.0 \pm 0.2$
Barclay KFMSP	$1.0\pm 0.2$	$0.12 \pm 0.01$	$1.5 \pm 0.2$
Barclay 100FSP	$2.9 \pm 0.2$	$0.32 \pm 0.02$	$2.6 \pm 0.2$
Barclay 100FMSP	$2.9 \pm 0.2$	$0.30 \pm 0.02$	
Belair KFMSP	8.8±0.3	0.78+0.02	9.9+0.3
Belair 100FMSP	$9.4 \pm 0.3$		$11.8 \pm 0.3$
DuMaurier KFHP	$16.8 \pm 0.8$	$1.15 \pm 0.06$	$18.8 \pm 0.7$
Kool RNFMSP	18.7 <u>+</u> 0.6	$1.12 \pm 0.04$	14.5 <u>+</u> 0.5
Kool KFMHP	16.3 <u>+</u> 0.4	$1.21 \pm 0.03$	$16.9 \pm 0.4$
Kool KFMSP	17.0±0.4	$1.23 \pm 0.03$	$15.8 \pm 0.5$
Kool Milds KFMSP	10.8±0.4	$0.86 \pm 0.03$	$12.1 \pm 0.4$
Kool Milds 100FMSP	$11.6 \pm 0.3$	0.92 <u>+</u> 0.03	$13.5 \pm 0.3$
Kool Lights KFMSP	8.9 <u>+</u> 0.2	$0.74 \pm 0.02$	
Kool Lights 100's 100FMSP	$10.6 \pm 0.3$	0.89 <u>+</u> 0.03	$11.2 \pm 0.3$
Kool Super Lights KFMSP	6.3 <u>+</u> 0.3		
Kool Super Lights 100's 100FMSP	9.5 <u>+</u> 0.3	0.72 <u>+</u> 0.03	$12.0 \pm 0.4$
Kool Super Longs 100's 100FMSP	$13.7 \pm 0.4$	$0.98 \pm 0.03$	$16.1 \pm 0.7$
Kool Ultra KFMSP	$1.7 \pm 0.3$	$0.18 \pm 0.03$	1.7 <u>+</u> 0.3
Kool Ultra 100's 100FMSP	4.0 <u>+</u> 0.3	0.42 <u>+</u> 0.03	3.7 <u>+</u> 0.3
Raleigh KNFSP	$23.4 \pm 0.6$	$1.37 \pm 0.04$	$17.6 \pm 0.6$
Raleigh KFSP	$15.2 \pm 0.4$	0.99 <u>+</u> 0.03	$17.6 \pm 0.4$
Raleigh 100's 100FSP	$16.0 \pm 0.4$	1.12 <u>+</u> 0.02	17.5 <u>+</u> 0.4
Raleigh Lights KFSP	$8.3 \pm 0.3$	0.72 <u>+</u> 0.02	10.2±0.4
Raleigh Lights 100's 100FSP	9.8 <u>+</u> 0.4	$0.84 \pm 0.04$	$13.5 \pm 0.6$
Viceroy KFSP	$14.8 \pm 0.4$	$0.96 \pm 0.03$	
Viceroy Rich Lights KFSP	8.5 <u>±</u> 0.2	$0.73 \pm 0.02$	10.7 <u>+</u> 0.4
Viceroy Rich Lights 100FSP	9.4 <u>+</u> 0.3	0.80 <u>+</u> 0.02	12.8 <u>+</u> 0.4
Viceroy Super Long 100's 100FSP	14.8 <u>+</u> 0.4	1.08 <u>+</u> 0.03	17.8 <u>+</u> 0.5

Liggett Group	Tar mg/cig	Nicotine mg/cig	mg/cig
Chesterfield RNFSP	20.9 <u>+</u> 0.5	1.42 <u>+</u> 0.04	13.3 <u>+</u> 0.3
Chesterfield KNFSP	$24.6 \pm 0.6$	1.75 <u>+</u> 0.05	$15.6 \pm 0.6$
Chesterfield KFSP	14.9 <u>+</u> 0.4		$15.1 \pm 0.4$
Chesterfield 101 100FSP	14.7 <u>+</u> 0.4	$1.14 \pm 0.03$	16.7 <u>+</u> 0.5
Decade KFSP	5.0 <u>+</u> 0.2	$0.50\pm0.02$	4.9 <u>+</u> 0.3
	5.0 <u>+</u> 0.2		4.6 <u>+</u> 0.3
Decade 100's 100FSP	7.9 <u>+</u> 0.2	$0.84 \pm 0.02$	7.0 <u>+</u> 0.3
	12.5 <u>+</u> 0.4	$1.05 \pm 0.03$	$13.6 \pm 0.5$
Eve Lights 100's 100FMSP	$12.6 \pm 0.3$	$1.03\pm0.03$	13.3 <u>+</u> 0.5
Eve Lights 120's 120FHP	13.5 <u>+</u> 0.5		
Eve Lights 120's 120FMHP	13.7 <u>+</u> 0.3	1.19 <u>+</u> 0.03	$11.7 \pm 0.4$
L & M KFHP	14.6±0.5	1.06±0.04	$15.0 \pm 0.4$
L & M KFSP	14.6 <u>+</u> 0.4	$1.07\pm0.03$	$15.4 \pm 0.6$
L & M 100FSP	14.5 <u>+</u> 0.4		
	$8.1 \pm 0.3$	$0.83 \pm 0.02$	$7.0 \pm 0.3$
	$7.9 \pm 0.3$	0.85 <u>+</u> 0.03	6.3 <u>+</u> 0.2
L & M Lights 100FMSP	7.7 <u>+</u> 0.2	$0.83 \pm 0.02$	$6.1 \pm 0.3$
Lark KFSP	14.9 <u>+</u> 0.4		
Lark 100FSP	15.4 <u>+</u> 0.4	1.30 <u>+</u> 0.04	14.6 <u>+</u> 0.4
Lark Lights KFSP	13.7 <u>+</u> 0.4	$1.09\pm0.03$	$13.3 \pm 0.4$
Lark Lights 100's 100FSP	14.4 <u>+</u> 0.4	$1.21 \pm 0.03$	13.9 <u>+</u> 0.4
Oasis KFMSP	14.8 <u>+</u> 0.2		
Omni 100FMSP	7.1 <u>+</u> 0.2	0.72 <u>+</u> 0.02	6.6 <u>+</u> 0.2
Picayune RNFSP	$17.1 \pm 0.6$		
St. Moritz 100FSP	14.3 <u>+</u> 0.3		
St. Moritz 100FMSP	14.5 <u>+</u> 0.3	1.21 <u>+</u> 0.03	14.7 <u>+</u> 0.5

Lorillard	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Golden Lights KFSP Golden Lights KFMSP Golden Lights 100's 100FSP Golden Lights 100's 100FMSP Kent Micronite II KFHP Kent Micronite II KFSP Kent Micronite II 100FSP Kent Micronite II 100FMSP Kent Micronite II 100FMSP Kent III KFSP Kent III 100FSP Max 120FSP Max 120FMSP Newport KFMHP Newport KFMSP Newport Lights KFMHP Newport Lights KFMSP			
Newport Lights 100's 100FMSP Newport Red KFHP Newport Red KFSP Old Gold Straights KNFSP Old Gold Filters KFSP Old Gold Filter 100's 100FSP Old Gold Lights KFSP Spring 100FMSP Triumph KFSP Triumph KFMSP Triumph 100s 100FSP Triumph 100s 100FMSP True KFSP True KFMSP True 100's 100FMSP True 100's 100FMSP	8.7±0.3 12.8±0.2 13.1±0.3 26.9±0.6 17.0±0.4 19.1±0.4 8.9±0.4 19.2±0.4 2.2±0.1 2.6±0.1 4.3±0.2 4.0±0.2 4.0±0.2 7.1±0.3 7.4±0.3	0.82±0.03 1.11±0.03 1.11±0.02 1.80±0.04 1.37±0.04 1.58±0.04 0.88±0.03 1.15±0.03 0.32±0.02 0.37±0.01 0.54±0.02 0.43±0.02 0.43±0.02 0.48±0.01 0.64±0.02 0.65±0.02	9.2±0.4 14.2±0.3 14.8±0.4 18.2±0.5 19.1±0.5 19.1±0.5 10.0±0.5 17.5±0.7 2.5±0.2 3.1±0.2 6.2±0.4 5.8±0.3 4.9±0.2 5.4±0.2

Philip Morris	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Alpine KFMSP Benson & Hedges RFHP	14.1±0.3 0.7±0.1	0.92 <u>±</u> 0.03 0.09±0.01	14.1±0.4 1.7±0.2
Benson & Hedges KFHP	15.3 <u>+</u> 0.5		12.8±0.4
Benson & Hedges 100's 100FHP	15.9 <u>+</u> 0.5		15.5±0.5
Benson & Hedges 100's 100FMHP	$15.9\pm0.4$	1.11 <u>+</u> 0.03	15.4±0.3
Benson & Hedges 100's 100FSP	16.7 <u>+</u> 0.5	1.20±0.04	16.8±0.5
Benson & Hedges 100's 100FMSP	$16.2 \pm 0.4$		$16.5 \pm 0.4$
Benson & Hedges Lights 100's 100FHP	$11.3\pm0.2$	0.85±0.02	13.3±0.3
Benson & Hedges Lights 100's 100FMHP			12.1 <u>+</u> 0.5
Benson & Hedges Lights 100's 100FSP	10.5 <u>+</u> 0.4		12.9 <u>+</u> 0.6
Benson & Hedges Lights 100's 100FMSP		$0.74 \pm 0.07$	11.6±0.4
Benson & Hedges Multifilter KFSP	12.0+0.3	0.85 <u>+</u> 0.02	$11.6 \pm 0.3$
Benson & Hedges Multifilter KFMSP	$12.0\pm0.3$ $10.9\pm0.5$	$0.83\pm0.03$	$10.6 \pm 0.5$
Cambridge KFHP	*	<0.02	$0.1 \pm 0.04$
	0.6±0.1	$0.10\pm0.01$	
Cambridge KFSP Cambridge 100's 100FSP English Ovals RNFHP English Ovals KNFHP	$3.3\pm0.1$		$5.6 \pm 0.2$
English Ovals RNFHP	21.7+0.5	1.77+0.06	$12.1 \pm 0.4$
English Ovals KNFHP	26.7±0.8	$2.24 \pm 0.06$	$14.4 \pm 0.6$
Galaxy KFSP	15.140.4	F. 0340.03	$15.6 \pm 0.4$
Marlboro KFHP	16.3±0.4	$1.12\pm0.03$	$14.9 \pm 0.4$
Marlboro KFMHP	14.8 <u>+</u> 0.5	0.96±0.02	$14.3 \pm 0.3$
Marlboro KFSP	16.8 <u>+</u> 0.5		$15.7 \pm 0.4$
Marlboro KFMSP	$13.9 \pm 0.3$	$0.91 \pm 0.02$	13.8±0.4
Marlboro 100's 100FHP	16.5+0.4	1.18+0.03	17.1 <u>+</u> 0.5
Marlboro 100's 100FSP	16.4±0.5	1.18 <u>+</u> 0.04	16.5 <u>+</u> 0.5
Marlboro Lights KFHP	10.240.3	U./OTU.UZ	11.8±0.3
Marlboro Lights KFSP	$11.1 \pm 0.3$	$0.82 \pm 0.02$	$12.8 \pm 0.3$
Marlboro Lights 100's 100FSP	10.8 <u>+</u> 0.3	0.85 <u>+</u> 0.02	12.7 <u>+</u> 0.5
Merit KFSP	7.7 <u>+</u> 0.3	0.59 <u>+</u> 0.02	10.3 <u>+</u> 0.4
Merit KPMSP	7.5 <u>+</u> 0.3	0.58 <u>+</u> 0.02	$10.0 \pm 0.3$
Merit 100's 100FSP	9.6 <u>+</u> 0.3	0.74 <u>+</u> 0.02	$12.1 \pm 0.4$
Merit 100's 100FMSP	$9.1 \pm 0.2$	0.71 <u>+</u> 0.02	$11.2 \pm 0.3$
Merit Ultra Lights KFSP	$3.3\pm0.1$	0.33±0.02	$4.3 \pm 0.3$
Merit Ultra Lights KFMSP	3.3 <u>+</u> 0.2	0.33 <u>+</u> 0.01	$4.1 \pm 0.2$
Northwind KFSP	8.2 <u>+</u> 0.2	0.59 <u>+</u> 0.01	10.6 <u>+</u> 0.3
Northwind 100's 100FSP	8.7 <u>+</u> 0.3		10.9 <u>+</u> 0.2
Parliament Lights KFHP	9.0 <u>+</u> 0.3	0.69 <u>+</u> 0.02	9.6 <u>+</u> 0.3
Parliament Lights KFSP	9.4 <u>+</u> 0.3	$0.74 \pm 0.02$	10.8 <u>+</u> 0.2
Parliament Lights 100's 100FSP	11.2 <u>+</u> 0.3	0.92 <u>+</u> 0.03	11.3 <u>+</u> 0.3
Philip Morris RNFSP	21.7 <u>+</u> 0.7	$1.44 \pm 0.06$	$12.9 \pm 0.5$
Philip Morris Commander KNFSP	26.9 <u>+</u> 0.7	1.83 <u>+</u> 0.05	16.1 <u>+</u> 0.6
Philip Morris International 100FHP	$17.3 \pm 0.3$	$1.20\pm0.03$	16.1±0.3
Philip Morris International 100FMHP	15.4 <u>+</u> 0.4	$1.03\pm0.03$	15.9±0.4
Players RNFHP	24.5 <u>+</u> 0.7	$1.99\pm0.06$	$14.9 \pm 0.6$
Saratoga 120's 120FHP	14.0 <u>+</u> 0.5	1.02 <u>+</u> 0.06	15.5 <u>+</u> 0.7

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<sup>\*</sup>Not possible to determine precisely with current methodology.

Philip Morris	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Saratoga 120's 120FMHP	14.0±0.4	1.04±0.03	15.1±0.4
Virginia Slims 100FSP	$14.7 \pm 0.4$	$1.07\pm0.02$	$14.5 \pm 0.4$
Virginia Slims 100FMSP	$14.6\pm0.2$	$1.04\pm0.02$	$13.5 \pm 0.3$
Virginia Slims Lights 100FHP	$8.3 \pm 0.3$	0.67 <u>+</u> 0.02	$8.9 \pm 0.4$
Virginia Slims Lights 100FMHP	7.8+0.3	$0.66 \pm 0.02$	8.4+0.3

R.J. Reynolds	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Camel RNFSP	20.6 <u>+</u> 0.4	1.39 <u>+</u> 0.03	12 0 0 2
Camel Filters KFSP	$15.4 \pm 0.5$		$13.0\pm0.3$
Camel Lights KFHP	7.5±0.3	1.11±0.03	
Camel Lights KFSP	6 3 TO 3	$0.73\pm0.03$	7.9 <u>+</u> 0.3
Camel Lights 100's 100FSP	0.1 <u>T</u> 0.2	0.75 <u>+</u> 0.02	10.010.3
Doral II KFSP	11.0 <u>7</u> 0.3	0.03 <u>+</u> 0.03	14.5 <u>7</u> 0.3
Doral II KFMSP	4 . 1 <u>+</u> U . 2	0.75±0.02 0.89±0.03 0.40±0.02 0.41±0.02 0.72±0.02	3.9 <u>+</u> 0.2
More Lights 100's 100FHP	4.0 <u>7</u> 0.2	0 41 <u>T</u> 0 + 02	3.0 <u>T</u> U.Z
More Lights 100's 100FMHP	0.4 <u>+</u> 0.2	0./2±0.02	9.5 <u>+</u> 0.2
More 120FSP	/.2 <u>+</u> 0.3	0.67±0.03 1.28±0.03	9.1±0.4
More 120FMSP	10./±0.0	1.20 <u>+</u> 0.03	20./ <u>+</u> 0.0
Now KFHP	15.6 <u>+</u> 0.3 *	_	
Now KFSP		<0.02	$0.1\pm0.03$
Now KFMSP	0.9±0.1	0.14+0.01	1.7±0.1
Now 100s 100FHP	0.9+0.1	0.14±0.01 0.13±0.01 <0.02	$1.7\pm0.2$
Now 100s 100FSP	7 0 0 7	<0.02	0.1 <u>+</u> 0.03
Now 100s 100FMSP	1.8 <u>+</u> 0.1	0.23±0.01	1.8±0.1
	1.4 0.0 2	$0.22 \pm 0.01$	1.6±0.1
Salem KFMSP Salem 100's 100FMSP		1.10±0.03	
Calem Lights VENCE	14./±0.3	1.20±0.03	13.7±0.3
Salem Lights KFMSP	0.4±0.2	0.67±0.02 0.76±0.02 0.43±0.02 0.44±0.02 0.71±0.02	10./±0.3
Salem Lights 100's 100FMSP Salem Ultra KFMSP	0.9±0.2	0.70±0.02	11.4±0.3
Salem Ultra 100s 100FMSP	4.2±0.2	0.43±0.02	4.9±0.2
Vantage VECD	4.4 <u>+</u> U.2	0.44+0.02	6.4 <u>+</u> 0.3
Vantage KFSP	0.0±0.3	0./1±0.02	12.9±0.3
Vantage KFMSP Vantage 100s 100FSP		0.68 <u>+</u> 0.02	
	0.0 <u>+</u> 0.3	0.71±0.02	12.6±0.6
Vantage Ultra Lights KFSP	$4.0\pm0.2$	0.41±0.02 0.48±0.02 1.10±0.03	5.0±0.3
Vantage Ultra Lights 100s 100FSP	$4.2 \pm 0.2$	0.48 <u>+</u> 0.02	5.8±0.3
Winston KFHP	$16.3 \pm 0.4$	T*10∓0*03	15.6 <u>+</u> 0.6
Winston KFSP	15.0±0.3	$1.07\pm0.02$	17.0 <u>+</u> 0.4
Winston 100's 100FSP	$14.6 \pm 0.4$	$1.06\pm0.02$	
Winston Lights KFSP		$0.83 \pm 0.02$	
Winston Light 100's 100FSP	11.9±0.4	$0.89\pm0.02$	15.2 <u>+</u> 0.5
Winston Ultra Lights KFSP	3.9±0.2	0.42±0.02 0.46±0.02 1.40±0.03	4.8±0.3
Winston Ultra Lights 100's 100FSP	4./ <u>+</u> U.2	U.46±U.02	6.9 <u>+</u> 0.4
Winston International 100FHP	18.1 <u>+</u> 0.4	1.40 <u>±</u> 0.03	17.4 <u>+</u> 0.4

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<sup>\*</sup>Not possible to determine precisely with current methodology.

TAR NICOTINE AND CARBON MONOXIDE

DATA ALPHABETICAL SUMMARY

208 BRANDS

Alpine KFMSF Barclay KFHF Barclay KFHF Barclay KFHF Barclay KFSF Barclay KFSF Barclay KFMSP Barclay KFMSP Barclay KFMSP Barclay KFMSP Barclay KFMSP Barclay LOOPMSP 1.0±0.2 Barclay 100FMSP 2.9±0.2 Barclay 100FMSP 2.9±0.2 Barclay 100FMSP Belair LOOPMSP Belair 100FMSP Benson & Hedges KFHP Benson & Hedges 100's 100FMP Benson & Hedges 100's 100FMP Benson & Hedges 100's 100FMSP Benson & Hedges 100's 100FMSP Benson & Hedges Lights 100's 100FMP Benson & Hedges Lights 100's 100FMSP Benson & Hedges Multifilter KFFMSP Benson &	Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Barclay KFHP Barclay KFSP Barclay KFMSP 1.0±0.2 Barclay KFMSP 1.0±0.2 Barclay Lights Barclay Lights 100°FSP Belair 100FMSP 2.9±0.2 Belair RFMSP 2.9±0.2 Belair RFMSP 2.9±0.2 Belair RFMSP 3.0±0.3 Belair 100FMSP 3.0±0.3 Belair 100FMSP 3.0±0.3 Belair 100FMSP 3.0±0.3 Belair Lights 100°FSP Benson & Hedges RFHP 3.0±0.5 Benson & Hedges Lights 100°S 100FMPP Benson & Hedges Multifilter KFMSP Buill Durham KFSP Bull Durham KFSP Bull Durham KFSP Bull Durham KFSP Cambridge KFFP Cambridge KFFP Cambridge Lights KFFP Cambridge 100°S 100FSP Benson & Hedges Bullifilter KFMSP Bull Durham KFSP Bull Durham KFSP Bull Durham KFSP Camel Lights KFFP Cambridge Lights 100°S 100FSP Bull Durham KFSP Camel Lights KFFP Cambridge Lights Light	Alpine KFMSP	14.1+0.3	0.92+0.03	14.1+0.4
Barclay KFSP Barclay LOFSP Barclay 100FSP Barclay 100FSP Barclay 100FSP Barclay 100FSP Barclay 100FSP Barclay 100FSP Belair KFMSP Belair KFMSP Belair KFMSP Belair 100FMSP Belair 100FMSP Beson & Hedges RFHP Benson & Hedges KFHP Benson & Hedges 100's 100FHP Benson & Hedges 100's 100FMSP Benson & Hedges Lights 100's 100FMP Benson & Hedges Lights 100's 100FMSP Benson & Hedges Multifilter KFSP Bull Durham KFSP 29.1±0.6 Cambridge KFSP Camel Lights KFSP Camel Lights KFSP Camel Lights KFSP Camel Lights KFSP Bull Durham KFSP Bull Durh	<del>-</del>			
Barclay KPMSP		0.8+0.2	0.12+0.02	
Barclay 100FSP Barclay 100FMSP Barclay 100FMSP Barclay 100FMSP Belair KFMSP Belair KFMSP Belair 100FMSP Benson & Hedges RFHP		1.0+0.2	0.12+0.01	1.5+0.2
Barclay 100FMSP         2.9±0.2         0.30±0.02         2.7±0.2           Belair KFMSP         8.8±0.3         0.78±0.02         9.9±0.3           Benson & Hedges RFHP         9.4±0.3         0.73±0.02         11.8±0.3           Benson & Hedges KFHP         15.3±0.5         1.24±0.04         12.8±0.4           Benson & Hedges 100's 100FHP         15.9±0.5         1.13±0.04         15.5±0.5           Benson & Hedges 100's 100FMP         15.9±0.4         1.11±0.03         15.5±0.5           Benson & Hedges 100's 100FMP         16.7±0.5         1.20±0.04         16.8±0.5           Benson & Hedges Lights 100's 100FMP         16.2±0.4         1.99±0.03         16.5±0.4           Benson & Hedges Lights 100's 100FMP         10.5±0.3         0.85±0.02         13.3±0.3           Benson & Hedges Lights 100's 100FMP         10.5±0.4         0.83±0.02         12.9±0.6           Benson & Hedges Multifilter KFSP         10.0±0.3         0.85±0.03         12.1±0.5           Benson & Hedges Multifilter KFSP         12.0±0.3         0.85±0.02         13.3±0.3           Benson & Hedges Multifilter KFSP         12.0±0.3         0.85±0.02         11.6±0.3           Benson & Hedges Multifilter KFSP         10.9±0.5         0.83±0.03         10.6±0.3           Benson & Hedges Mult		2.9+0.2	0.32+0.02	2.6+0.2
Belair KFMSP       8.8±0.3       0.78±0.02       9.9±0.3         Belair 100FMSP       9.4±0.3       0.73±0.02       11.8±0.3         Benson & Hedges KFHP       0.7±0.1       0.99±0.01       1.7±0.2         Benson & Hedges KFHP       15.3±0.5       1.24±0.04       12.8±0.4         Benson & Hedges 100's 100FMP       15.9±0.5       1.13±0.04       15.5±0.5         Benson & Hedges 100's 100FMP       15.9±0.4       1.11±0.03       15.4±0.3         Benson & Hedges 100's 100FMP       16.7±0.5       1.20±0.04       16.5±0.5         Benson & Hedges 100's 100FMSP       16.2±0.4       1.19±0.03       16.5±0.4         Benson & Hedges Lights 100's 100FMP       11.3±0.2       0.85±0.02       13.3±0.3         Benson & Hedges Lights 100's 100FMP       10.5±0.4       0.85±0.02       13.3±0.3         Benson & Hedges Lights 100's 100FMP       10.5±0.4       0.85±0.02       12.9±0.6         Benson & Hedges Multifilter KFSP       10.0±0.3       0.74±0.07       11.6±0.4         Benson & Hedges Multifilter KFMSP       10.9±0.5       0.83±0.02       11.6±0.3         Benson & Hedges Multifilter KFMSP       10.9±0.5       0.83±0.02       11.6±0.3         Benson & Hedges Multifilter KFMSP       29.1±0.6       2.10±0.06       23.1±0.0				
Benson & Hedges KFHP Benson & Hedges KFHP Benson & Hedges KFHP Benson & Hedges Lights 100's 100FMP Benson & Hedges Lights 100's 100FMP Benson & Hedges Multifilter KFSP Bull Durham KFSP Cambridge KFBP Cambridge KFBP Cambridge KFSP Camel RNFSP Camel RNFSP Camel Lights KFHP Camel Lights KFFP Camel Lights Camel Camel Camel C		8.8+0.3	0.78+0.02	
Benson & Hedges KFHP       15.3±0.5       1.2±0.04       12.8±0.4         Benson & Hedges 100's 100FMP       15.9±0.5       1.13±0.04       15.5±0.5         Benson & Hedges 100's 100FMP       15.9±0.4       1.11±0.03       15.4±0.3         Benson & Hedges 100's 100FMP       16.7±0.5       1.20±0.04       16.8±0.5         Benson & Hedges Lights 100's 100FMP       16.2±0.4       1.19±0.03       16.5±0.4         Benson & Hedges Lights 100's 100FMP       11.3±0.2       0.85±0.02       13.3±0.3         Benson & Hedges Lights 100's 100FMP       10.5±0.4       0.83±0.02       12.9±0.6         Benson & Hedges Lights 100's 100FMP       10.5±0.4       0.83±0.03       12.1±0.5         Benson & Hedges Multifilter KFSP       10.0±0.3       0.74±0.07       11.6±0.4         Benson & Hedges Multifilter KFSP       10.9±0.5       0.83±0.03       10.6±0.5         Bull Durham KFSP       29.1±0.6       2.10±0.06       23.1±0.4         Cambridge KFHP       *       <0.02		9.4+0.3	0.73+0.02	
Benson & Hedges KFHP       15.3±0.5       1.2±0.04       12.8±0.4         Benson & Hedges 100's 100FMP       15.9±0.5       1.13±0.04       15.5±0.5         Benson & Hedges 100's 100FMP       15.9±0.4       1.11±0.03       15.4±0.3         Benson & Hedges 100's 100FMP       16.7±0.5       1.20±0.04       16.8±0.5         Benson & Hedges Lights 100's 100FMP       16.2±0.4       1.19±0.03       16.5±0.4         Benson & Hedges Lights 100's 100FMP       11.3±0.2       0.85±0.02       13.3±0.3         Benson & Hedges Lights 100's 100FMP       10.5±0.4       0.83±0.02       12.9±0.6         Benson & Hedges Lights 100's 100FMP       10.5±0.4       0.83±0.03       12.1±0.5         Benson & Hedges Multifilter KFSP       10.0±0.3       0.74±0.07       11.6±0.4         Benson & Hedges Multifilter KFSP       10.9±0.5       0.83±0.03       10.6±0.5         Bull Durham KFSP       29.1±0.6       2.10±0.06       23.1±0.4         Cambridge KFHP       *       <0.02		0.7+0.1	0.09+0.01	1.7+0.2
Benson & Hedges 100's 100FMPP 15.9±0.4 1.1±0.03 15.4±0.3 Benson & Hedges 100's 100FMPP 16.7±0.5 1.20±0.04 16.8±0.5 Benson & Hedges 100's 100FMSP 16.7±0.5 1.20±0.04 16.8±0.5 Benson & Hedges Lights 100's 100FMPP 11.3±0.2 0.85±0.02 13.3±0.3 Benson & Hedges Lights 100's 100FMPP 10.5±0.3 0.85±0.03 12.1±0.5 Benson & Hedges Lights 100's 100FMPP 10.5±0.3 0.85±0.02 12.9±0.6 Benson & Hedges Lights 100's 100FMSP 10.0±0.3 0.74±0.07 11.6±0.4 Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFSP 10.9±0.5 0.83±0.03 10.6±0.5 Bull Durham KFSP 29.1±0.6 0.83±0.03 10.6±0.5 Bull Durham KFSP 29.1±0.6 0.02 0.1±0.04 Cambridge KFSP 0.6±0.1 0.10±0.01 1.3±0.1 Cambridge KFSP 3.3±0.1 0.37±0.01 5.6±0.2 Camel RNFSP 20.6±0.4 1.39±0.03 13.0±0.3 Camel Lights KFSP 15.4±0.5 1.11±0.03 15.3±0.6 Camel Lights KFSP 15.4±0.5 1.11±0.03 15.3±0.6 Camel Lights KFSP 8.1±0.2 0.75±0.02 10.6±0.3 Carlton KFHP ** (0.02 0.0±0.03 Carlton KFHP ** (0.02 0.0±0.03 Carlton KFMSP 0.4±0.1 0.09±0.01 1.1±0.1 Carlton 100's 100FMP 0.4±0.1 0.09±0.01 1.1±0.1 Carlton 100's 100FMP 0.4±0.1 0.09±0.01 0.8±0.1 Carlton 100's 100FMSP 4.1±0.3 0.42±0.02 5.7±0.4 Carlton 100's 100FMSP 5.9±0.3 0.66±0.03 5.2±0.2 Carlton 120's 120FSP 5.9±0.3 0.58±0.02 4.6±0.2 Carlton 120's 120FSP 5.9±0.3 0.66±0.03 5.2±0.2 Chesterfield KNFSP 24.6±0.6 1.75±0.05 15.6±0.6 Chesterfield KFSP 14.9±0.4 1.07±0.03 16.7±0.5 Decade KFSP 5.0±0.2 0.50±0.02 4.9±0.3 Decade KFSP 5.0±0.0 0.49±0.0 4.6±0.3 0.49±0.0 4.6±0.3 0.49±0.0 4.6±0.3 0.49±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6±0.3 0.40±0.0 4.6		15.3+0.5	1.24+0.04	12.8+0.4
Benson & Hedges 100's 100FMPP 16.7±0.5 1.20±0.04 16.8±0.5 Benson & Hedges 100's 100FMSP 16.2±0.4 1.19±0.03 16.5±0.4 Benson & Hedges Lights 100's 100FMPP 10.5±0.3 0.85±0.02 13.3±0.3 Benson & Hedges Lights 100's 100FMPP 10.5±0.3 0.85±0.02 12.9±0.6 Benson & Hedges Lights 100's 100FMSP 10.5±0.4 0.83±0.02 12.9±0.6 Benson & Hedges Lights 100's 100FMSP 10.5±0.4 0.83±0.02 12.9±0.6 Benson & Hedges Multifilter KFSP 10.0±0.3 0.74±0.07 11.6±0.4 Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFMSP 29.1±0.6 2.10±0.06 23.1±0.4 Cambridge KFHP		15.9+0.5	1.13+0.04	15.5+0.5
Benson & Hedges 100's 100FSP         16.7±0.5         1.20±0.04         16.8±0.5           Benson & Hedges Loy's 100FMSP         16.2±0.4         1.19±0.03         16.5±0.4           Benson & Hedges Lights 100's 100FMPP         11.3±0.2         0.85±0.02         13.3±0.3           Benson & Hedges Lights 100's 100FSP         10.5±0.3         0.85±0.03         12.1±0.5           Benson & Hedges Lights 100's 100FMSP         10.5±0.4         0.83±0.02         12.9±0.6           Benson & Hedges Multifilter KFSP         10.0±0.3         0.74±0.07         11.6±0.4           Benson & Hedges Multifilter KFSP         12.0±0.3         0.85±0.02         11.6±0.3           Benson & Hedges Multifilter KFSP         10.9±0.5         0.83±0.03         10.6±0.3           Benson & Hedges Multifilter KFMSP         10.9±0.5         0.83±0.03         10.6±0.5           Bull Durham KFSP         29.1±0.6         2.10±0.06         23.1±0.4           Cambridge KFSP         0.6±0.1         0.10±0.01         1.3±0.1           Cambridge KFSP         3.3±0.1         0.37±0.01         5.6±0.2           Camel Filters KFSP         15.4±0.5         1.11±0.03         15.3±0.6           Camel Filters KFSP         15.4±0.5         1.11±0.03         15.3±0.6           Camel Lights KFSP				
Benson & Hedges 100's 100FMSP		16.7 <u>+</u> 0.5	1.20+0.04	
Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFMSP 10.9±0.5 0.83±0.03 10.6±0.5 Bull Durham KFSP 29.1±0.6 2.10±0.06 23.1±0.4		16.2±0.4	1.19+0.03	16.5 <u>+</u> 0.5
Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFMSP 10.9±0.5 0.83±0.03 10.6±0.5 Bull Durham KFSP 29.1±0.6 2.10±0.06 23.1±0.4		$11.3 \pm 0.2$	0.85+0.02	13 3+0 3
Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFMSP 10.9±0.5 0.83±0.03 10.6±0.5 Bull Durham KFSP 29.1±0.6 2.10±0.06 23.1±0.4		10.5+0.3	0.05 <u>-</u> 0.02	12 1+0 5
Benson & Hedges Multifilter KFSP 12.0±0.3 0.85±0.02 11.6±0.3 Benson & Hedges Multifilter KFMSP 10.9±0.5 0.83±0.03 10.6±0.5 Bull Durham KFSP 29.1±0.6 2.10±0.06 23.1±0.4		10.5+0.4	0.03-0.03	12 9+0 6
Benson & Hedges Multifilter KFSP       12.0±0.3       0.85±0.02       11.6±0.3         Benson & Hedges Multifilter KFMSP       10.9±0.5       0.83±0.03       10.6±0.5         Bull Durham KFSP       29.1±0.6       2.10±0.06       23.1±0.4         Cambridge KFBP       * <0.02		10.0+0.3	0.05.0.02	11 6+0 4
Benson & Hedges Multifilter KFMSP Bull Durham KFSP Cambridge KFSP Cambridge KFSP Cambridge KFSP Cambridge KFSP Camel RNFSP Camel RNFSP Camel Lights KFBP Camel Lights KFSP Carlton KFSP Carlton KFSP Carlton 100's 100FMP C		12.0+0.3	0.85+0.02	11.0 <u>1</u> 0.4
Bull Durham KFSP     29.1±0.6     2.10±0.06     23.1±0.4       Cambridge KFBP     * <0.02		10 940 5	0.03 <u>1</u> 0.02	10 640 5
Cambridge KFBP       *       <0.02       0.1±0.04         Cambridge KFSP       0.6±0.1       0.10±0.01       1.3±0.1         Cambridge 100's 100FSP       3.3±0.1       0.37±0.01       5.6±0.2         Camel RNFSP       20.6±0.4       1.39±0.03       13.0±0.3         Camel Filters KFSP       15.4±0.5       1.11±0.03       15.3±0.6         Camel Lights KFSP       8.1±0.2       0.75±0.02       10.6±0.3         Camel Lights 100's 100FSP       11.5±0.3       0.89±0.03       14.5±0.3         Carlton KFHP       *       *       0.02       0.0±0.03         Carlton KFMSP       0.8±0.1       0.12±0.01       1.8±0.1         Carlton KFMSP       0.4±0.1       0.09±0.01       1.1±0.1         Carlton 100's 100FMP       0.4±0.1       0.09±0.01       0.8±0.1         Carlton 100's 100FMP       0.6±0.1       0.10±0.02       0.8±0.2         Carlton 100's 100FMSP       4.1±0.3       0.42±0.02       5.7±0.4         Carlton 120's 120FMSP       5.3±0.3       0.58±0.02       4.6±0.5         Carlton 120's 120FMSP       5.9±0.3       0.66±0.03       5.2±0.2         Chesterfield KNFSP       20.9±0.5       1.42±0.04       13.3±0.3         Chesterfield KNFSP <t< td=""><td></td><td>29.1+0.6</td><td>2 10±0.06</td><td>23 1+0 A</td></t<>		29.1+0.6	2 10±0.06	23 1+0 A
Cambridge KFSP Cambridge 100's 100FSP 3.3±0.1 0.37±0.01 5.6±0.2 Camel RNFSP 20.6±0.4 1.39±0.03 13.0±0.3 Camel Filters KFSP 15.4±0.5 1.11±0.03 15.3±0.6 Camel Lights KFHP 7.5±0.3 Camel Lights KFSP 8.1±0.2 Camel Lights RFSP 8.1±0.2 Camel Lights 100's 100FSP 11.5±0.3 Camel Lights 100's 100FSP 11.5±0.3 Carlton KFHP Carlton KFMSP Carlton KFMSP 0.8±0.1 Carlton KFMSP 0.4±0.1 Carlton 100's 100FMP 0.4±0.1 Carlton 100's 100FMP 0.4±0.1 Carlton 100's 100FSP 4.1±0.3 Carlton 100's 100FMP 0.6±0.1 Carlton 100's 100FMP 0.6±0.1 Carlton 100's 100FMSP 4.1±0.3 Carlton 100's 100FMSP 4.1±0.3 Carlton 120's 120FSP 5.3±0.3 Carlton 120's 120FMSP 5.3±0.3 Chesterfield RNFSP 20.9±0.5 1.42±0.04 13.3±0.3 Chesterfield KFSP 14.9±0.4 1.75±0.05 15.6±0.6 Chesterfield KFSP 14.9±0.4 1.75±0.05 15.6±0.6 Chesterfield RNFSP 5.0±0.2 C.50±0.02 4.6±0.3 Decade KFMSP 5.0±0.2 C.49±0.02 4.6±0.3			<0.02	0.1+0.04
Cambridge 100's 100FSP 3.3±0.1 0.37±0.01 5.6±0.2 Camel RNFSP 20.6±0.4 1.39±0.03 13.0±0.3 Camel Filters KFSP 15.4±0.5 1.11±0.03 15.3±0.6 Camel Lights KFHP 7.5±0.3 0.73±0.03 7.9±0.3 Camel Lights KFSP 8.1±0.2 0.75±0.02 10.6±0.3 Camel Lights 100's 100FSP 11.5±0.3 0.89±0.03 14.5±0.3 Carlton KFHP * * * * * * * * * * * * * * * * * * *		0.6+0.1	0.10+0.01	1.3+0.1
Camel RNFSP       20.6±0.4       1.39±0.03       13.0±0.3         Camel Filters KFSP       15.4±0.5       1.11±0.03       15.3±0.6         Camel Lights KFHP       7.5±0.3       0.73±0.03       7.9±0.3         Camel Lights KFSP       8.1±0.2       0.75±0.02       10.6±0.3         Camel Lights 100's 100FSP       11.5±0.3       0.89±0.03       14.5±0.3         Carlton KFHP       *       <0.02		3 3+0 1	0.10.01	5 6±0 2
Camel Filters KFSP       15.4±0.5       1.11±0.03       15.3±0.6         Camel Lights KFBP       7.5±0.3       0.73±0.03       7.9±0.3         Camel Lights KFSP       8.1±0.2       0.75±0.02       10.6±0.3         Camel Lights 100's 100FSP       11.5±0.3       0.89±0.03       14.5±0.3         Carlton KFHP       *       *       0.02       0.0±0.03         Carlton KFSP       0.8±0.1       0.12±0.01       1.8±0.1         Carlton KFMSP       0.4±0.1       0.09±0.01       1.1±0.1         Carlton 100's 100FMP       0.4±0.1       0.09±0.01       0.8±0.1         Carlton 100's 100FMP       0.6±0.1       0.10±0.02       0.8±0.2         Carlton 100's 100FMSP       4.1±0.3       0.42±0.02       5.7±0.4         Carlton 120's 120FMSP       4.1±0.3       0.43±0.03       5.6±0.5         Carlton 120's 120FMSP       5.3±0.3       0.58±0.02       4.6±0.2         Carlton 120's 120FMSP       5.9±0.3       0.66±0.03       5.2±0.2         Chesterfield RNFSP       20.9±0.5       1.42±0.04       13.3±0.3         Chesterfield KFSP       14.9±0.4       1.07±0.03       15.1±0.4         Chesterfield RNFSP       24.6±0.2       0.50±0.02       4.9±0.3         Decade KFSP				
Camel Lights KFHP       7.5±0.3       0.73±0.03       7.9±0.3         Camel Lights KFSP       8.1±0.2       0.75±0.02       10.6±0.3         Camel Lights 100's 100FSP       11.5±0.3       0.89±0.03       14.5±0.3         Carlton KFHP       *       <0.02				
Carlton KFHP  Carlton KFSP  Carlton KFMSP  Carlton 100's 100FHP  Carlton 100's 100FMP  Carlton 100's 100FSP  Carlton 100's 100FMSP  Carlton 120's 120FSP  Carlton 120's 120FMSP  Chesterfield RNFSP  Chesterfield KNFSP  Sobbox  Chesterfield CNFSP  CNAMBRE CORD CNAMBRE CNAMBR		7 5±0 3	0 73+0 03	7 9+0 3
Carlton KFHP  Carlton KFSP  Carlton KFMSP  Carlton 100's 100FHP  Carlton 100's 100FMP  Carlton 100's 100FSP  Carlton 100's 100FMSP  Carlton 120's 120FSP  Carlton 120's 120FMSP  Chesterfield RNFSP  Chesterfield KNFSP  Sobbox  Chesterfield CNFSP  CNAMBRE CORD CNAMBRE CNAMBR		8.1+0.2	0.75±0.03	10 6+0 3
Carlton KFHP       *       <0.02       0.0±0.03         Carlton KFSP       0.8±0.1       0.12±0.01       1.8±0.1         Carlton KFMSP       0.4±0.1       0.09±0.01       1.1±0.1         Carlton 100's 100FHP       0.4±0.1       0.09±0.01       0.8±0.1         Carlton 100's 100FMP       0.6±0.1       0.10±0.02       0.8±0.2         Carlton 100's 100FMSP       4.1±0.3       0.42±0.02       5.7±0.4         Carlton 120's 120FMSP       5.3±0.3       0.58±0.02       4.6±0.5         Carlton 120's 120FMSP       5.9±0.3       0.66±0.03       5.2±0.2         Chesterfield RNFSP       20.9±0.5       1.42±0.04       13.3±0.3         Chesterfield KNFSP       24.6±0.6       1.75±0.05       15.6±0.6         Chesterfield KFSP       14.9±0.4       1.07±0.03       15.1±0.4         Chesterfield 101 100FSP       14.7±0.4       1.14±0.03       16.7±0.5         Decade KFSP       5.0±0.2       0.50±0.02       4.9±0.3         Decade KFMSP       5.0±0.2       0.49±0.02       4.6±0.3		11.5+0.3	0.75 <u>+</u> 0.02	14 5+0 3
Carlton KFSP       0.8±0.1       0.12±0.01       1.8±0.1         Carlton KFMSP       0.4±0.1       0.09±0.01       1.1±0.1         Carlton 100's 100FMP       0.4±0.1       0.09±0.01       0.8±0.1         Carlton 100's 100FMP       0.6±0.1       0.10±0.02       0.8±0.2         Carlton 100's 100FMSP       4.1±0.3       0.42±0.02       5.7±0.4         Carlton 120's 120FMSP       4.1±0.3       0.58±0.02       4.6±0.5         Carlton 120's 120FMSP       5.3±0.3       0.58±0.02       4.6±0.2         Carlton 120's 120FMSP       5.9±0.3       0.66±0.03       5.2±0.2         Chesterfield RNFSP       20.9±0.5       1.42±0.04       13.3±0.3         Chesterfield KNFSP       24.6±0.6       1.75±0.05       15.6±0.6         Chesterfield KFSP       14.9±0.4       1.07±0.03       15.1±0.4         Chesterfield 101 100FSP       14.7±0.4       1.14±0.03       16.7±0.5         Decade KFSP       5.0±0.2       0.50±0.02       4.9±0.3         Decade KFMSP       5.0±0.2       0.49±0.02       4.6±0.3				
Carlton KFMSP $0.4\pm0.1$ $0.09\pm0.01$ $1.1\pm0.1$ Carlton 100's 100FHP $0.4\pm0.1$ $0.09\pm0.01$ $0.8\pm0.1$ Carlton 100's 100FMHP $0.6\pm0.1$ $0.10\pm0.02$ $0.8\pm0.2$ Carlton 100's 100FMSP $4.1\pm0.3$ $0.42\pm0.02$ $5.7\pm0.4$ Carlton 120's 120FMSP $4.1\pm0.3$ $0.43\pm0.03$ $5.6\pm0.5$ Carlton 120's 120FMSP $5.3\pm0.3$ $0.58\pm0.02$ $4.6\pm0.2$ Chesterfield RNFSP $5.9\pm0.3$ $0.66\pm0.03$ $5.2\pm0.2$ Chesterfield KNFSP $20.9\pm0.5$ $1.42\pm0.04$ $13.3\pm0.3$ Chesterfield KFSP $24.6\pm0.6$ $1.75\pm0.05$ $15.6\pm0.6$ Chesterfield 101 100FSP $14.7\pm0.4$ $1.07\pm0.03$ $15.1\pm0.4$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$		0.8+0.1		1.8+0.1
Carlton 100's 100FHP       0.4±0.1       0.09±0.01       0.8±0.1         Carlton 100's 100FMHP       0.6±0.1       0.10±0.02       0.8±0.2         Carlton 100's 100FSP       4.1±0.3       0.42±0.02       5.7±0.4         Carlton 100's 100FMSP       4.1±0.3       0.43±0.03       5.6±0.5         Carlton 120's 120FSP       5.3±0.3       0.58±0.02       4.6±0.2         Carlton 120's 120FMSP       5.9±0.3       0.66±0.03       5.2±0.2         Chesterfield RNFSP       20.9±0.5       1.42±0.04       13.3±0.3         Chesterfield KNFSP       24.6±0.6       1.75±0.05       15.6±0.6         Chesterfield KFSP       14.9±0.4       1.07±0.03       15.1±0.4         Chesterfield 101 100FSP       14.7±0.4       1.14±0.03       16.7±0.5         Decade KFSP       5.0±0.2       0.50±0.02       4.9±0.3         Decade KFMSP       5.0±0.2       0.49±0.02       4.6±0.3				
Carlton 120's 120FSP $5.3\pm0.3$ $0.58\pm0.02$ $4.6\pm0.2$ Carlton 120's 120FMSP $5.9\pm0.3$ $0.66\pm0.03$ $5.2\pm0.2$ Chesterfield RNFSP $20.9\pm0.5$ $1.42\pm0.04$ $13.3\pm0.3$ Chesterfield KNFSP $24.6\pm0.6$ $1.75\pm0.05$ $15.6\pm0.6$ Chesterfield KFSP $14.9\pm0.4$ $1.07\pm0.03$ $15.1\pm0.4$ Chesterfield 101 100FSP $14.7\pm0.4$ $1.14\pm0.03$ $16.7\pm0.5$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$		0.4+0.1	0.09+0.01	0.8+0.1
Carlton 120's 120FSP $5.3\pm0.3$ $0.58\pm0.02$ $4.6\pm0.2$ Carlton 120's 120FMSP $5.9\pm0.3$ $0.66\pm0.03$ $5.2\pm0.2$ Chesterfield RNFSP $20.9\pm0.5$ $1.42\pm0.04$ $13.3\pm0.3$ Chesterfield KNFSP $24.6\pm0.6$ $1.75\pm0.05$ $15.6\pm0.6$ Chesterfield KFSP $14.9\pm0.4$ $1.07\pm0.03$ $15.1\pm0.4$ Chesterfield 101 100FSP $14.7\pm0.4$ $1.14\pm0.03$ $16.7\pm0.5$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$		0.6+0.1	0.10+0.02	0.8+0.2
Carlton 120's 120FSP $5.3\pm0.3$ $0.58\pm0.02$ $4.6\pm0.2$ Carlton 120's 120FMSP $5.9\pm0.3$ $0.66\pm0.03$ $5.2\pm0.2$ Chesterfield RNFSP $20.9\pm0.5$ $1.42\pm0.04$ $13.3\pm0.3$ Chesterfield KNFSP $24.6\pm0.6$ $1.75\pm0.05$ $15.6\pm0.6$ Chesterfield KFSP $14.9\pm0.4$ $1.07\pm0.03$ $15.1\pm0.4$ Chesterfield 101 100FSP $14.7\pm0.4$ $1.14\pm0.03$ $16.7\pm0.5$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$		4.1+0.3	0.42+0.02	5.7+0.4
Carlton 120's 120FSP $5.3\pm0.3$ $0.58\pm0.02$ $4.6\pm0.2$ Carlton 120's 120FMSP $5.9\pm0.3$ $0.66\pm0.03$ $5.2\pm0.2$ Chesterfield RNFSP $20.9\pm0.5$ $1.42\pm0.04$ $13.3\pm0.3$ Chesterfield KNFSP $24.6\pm0.6$ $1.75\pm0.05$ $15.6\pm0.6$ Chesterfield KFSP $14.9\pm0.4$ $1.07\pm0.03$ $15.1\pm0.4$ Chesterfield 101 100FSP $14.7\pm0.4$ $1.14\pm0.03$ $16.7\pm0.5$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$	Carlton 100's 100FMSP	$4.1 \pm 0.3$	0.43+0.03	5.6+0.5
Carlton 120's 120FMSP $5.9\pm0.3$ $0.66\pm0.03$ $5.2\pm0.2$ Chesterfield RNFSP $20.9\pm0.5$ $1.42\pm0.04$ $13.3\pm0.3$ Chesterfield KNFSP $24.6\pm0.6$ $1.75\pm0.05$ $15.6\pm0.6$ Chesterfield KFSP $14.9\pm0.4$ $1.07\pm0.03$ $15.1\pm0.4$ Chesterfield 101 100FSP $14.7\pm0.4$ $1.14\pm0.03$ $16.7\pm0.5$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$	Carlton 120's 120FSP	5.3 + 0.3	0.58+0.02	4.6+0.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Carlton 120's 120FMSP			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Chesterfield RNFSP			
Chesterfield KFSP       14.9±0.4       1.07±0.03       15.1±0.4         Chesterfield 101 100FSP       14.7±0.4       1.14±0.03       16.7±0.5         Decade KFSP       5.0±0.2       0.50±0.02       4.9±0.3         Decade KFMSP       5.0±0.2       0.49±0.02       4.6±0.3	Chesterfield KNFSP			
Chesterfield 101 100FSP $14.7\pm0.4$ $1.14\pm0.03$ $16.7\pm0.5$ Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$	Chesterfield KFSP			
Decade KFSP $5.0\pm0.2$ $0.50\pm0.02$ $4.9\pm0.3$ Decade KFMSP $5.0\pm0.2$ $0.49\pm0.02$ $4.6\pm0.3$	Chesterfield 101 100FSP			
	Decade KFSP	5.0 <u>+</u> 0.2		
Decade 100's 100FSP $7.9\pm0.2$ $0.84\pm0.02$ $7.0\pm0.3$				4.6±0.3
	Decade 100's 100FSP	7.9 <u>+</u> 0.2	0.84 <u>+</u> 0.02	$7.0 \pm 0.3$

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<sup>\*</sup>Not possible to determine precisely with current methodology.

	Tar	Nicotine	со
Brands	mg/cig	mg/cig	mg/cig
Dozol II WBCD	4 7 10 2	0 40 10 00	2 0 0 2
Doral II KFSP	4.1 <u>+</u> 0.2	0.40±0.02	
Doral II KFMSP	$4.0\pm0.2$	$0.41 \pm 0.02$	$3.6 \pm 0.2$
DuMaurier KFHP	16.8±0.8	$1.15 \pm 0.06$	18.8 <u>+</u> 0.7
English Ovals RNFHP	21.7±0.5	1.77±0.06 2.24±0.06	$12.1 \pm 0.4$
English Ovals KNFHP	26.7±0.8	2.24±0.06	$14.4 \pm 0.6$
Eve Lights 100's 100FSP	$12.5 \pm 0.4$	1.05 <u>+</u> 0.03	13.6 <u>+</u> 0.5
Eve Lights 100's 100FMSP	$12.6 \pm 0.3$		
Eve Lights 120's 120FHP	$13.5 \pm 0.5$	$1.17 \pm 0.04$	$11.4 \pm 0.6$
Eve Lights 120's 120FMHP	$13.7 \pm 0.3$	$1.19\pm0.03$	$11.7 \pm 0.4$
Galaxy KFSP	$15.1 \pm 0.4$	1.19±0.03 1.03±0.03 0.72±0.03 0.74±0.02	$15.6 \pm 0.4$
Golden Lights KFSP	7.4 <u>+</u> 0.3	0.72 <u>+</u> 0.03	8.0 <u>+</u> 0.3
Golden Lights KFMSP	7.8 <u>+</u> 0.3	$0.74 \pm 0.02$	8.3 <u>+</u> 0.4
Golden Lights 100's 100FSP	$8.0 \pm 0.3$	0.80+0.03	8.2+0.5
Golden Lights 100's 100FMSP	7.2 <u>+</u> 0.4	0.73 <u>+</u> 0.03	7.5 <u>+</u> 0.5
Half & Half KFSP	17.8 <u>+</u> 0.5	1.51 <u>+</u> 0.04	16.9 <u>+</u> 0.4
Herbert Tareyton KNFSP	27.6 <u>+</u> 0.7	1.94 <u>+</u> 0.05	19.2 <u>+</u> 0.6
Iceberg 100's 100FMSP	2.5 <u>+</u> 0.1	0.73±0.03 1.51±0.04 1.94±0.05 0.28±0.01 1.00±0.03	3.6 <u>+</u> 0.2
Kent Micronite II KFHP	12.8+0.4	1.00 <u>+</u> 0.03	13.0 <u>+</u> 0.5
Kent Micronite II KFSP	12.2 <u>±</u> 0.3	$1.01 \pm 0.03$	$12.3 \pm 0.4$
Kent Micronite II 100FSP	14.2 <u>+</u> 0.4	1.17 <u>+</u> 0.03	13.6 <u>+</u> 0.5
Kent Micronite II 100FMSP	14.3 <u>+</u> 0.3	1.26 <u>+</u> 0.03	13.6 <u>+</u> 0.4
Kent III KFSP	2.4 <u>+</u> 0.1	$0.33 \pm 0.01$	2.8+0.2
	4.2 <u>+</u> 0.2	0.51 <u>+</u> 0.02	6.2 <u>+</u> 0.2
Kool RNFMSP	18.7 <u>+</u> 0.6		14.5 <u>+</u> 0.5
Kool KFMHP	16.3 <u>+</u> 0.4	1.21 <u>+</u> 0.03	16.9 <u>+</u> 0.4
Kool KFMSP	17.0 <u>+</u> 0.4	1.23 <u>+</u> 0.03	$15.8 \pm 0.5$
Kool Milds KFMSP	10.8±0.4	$0.86 \pm 0.03$	$12.1 \pm 0.4$
Kool Milds 100FMSP	11.0 <u>+</u> U.3	0.86±0.03 0.92±0.03 0.74±0.02	13.5 <u>+</u> 0.3
Kool Lights KFMSP	8.9 <u>+</u> 0.2	0.74 <u>+</u> 0.02	$10.2 \pm 0.4$
Kool Lights 100's 100FMSP	$10.6 \pm 0.3$	0.89 <u>+</u> 0.03	$11.2 \pm 0.3$
Kool Super Lights KFMSP	6.3 <u>+</u> 0.3	0.55 <u>±</u> 0.02	
Kool Super Lights 100's 100FMSP	9.5 <u>+</u> 0.3	0.72 <u>+</u> 0.03	$12.0 \pm 0.4$
Kool Super Longs 100's 100FMSP	13.7±0.4 1.7±0.3	0.98±0.03	$16.1 \pm 0.7$
Kool Ultra KFMSP	$1.7 \pm 0.3$	0.98±0.03 0.18±0.03 0.42±0.03 1.06±0.04	$1.7 \pm 0.3$
Kool Ultra 100's 100FMSP	4.0±0.3	$0.42 \pm 0.03$	3.7 <u>+</u> 0.3
L & M KFHP	$14.6 \pm 0.5$	1.06 <u>+</u> 0.04	15.0 <u>+</u> 0.4
L & M KFSP	14.6 <u>+</u> 0.4	1.07 <u>+</u> 0.03	15.4 <u>+</u> 0.6
L & M 100FSP	14.5 <u>+</u> 0.4	$1.14\pm0.03$	16.4 <u>+</u> 0.4
L & M Lights KFSP	8.1 <u>+</u> 0.3	0.83 <u>+</u> 0.02	$7.0 \pm 0.3$
L & M Lights 100FSP	7.9 <u>+</u> 0.3	0.85 <u>+</u> 0.03	6.3 <u>+</u> 0.2
L & M Lights 100FMSP	7.7 <u>+</u> 0.2	0.83±0.02	$6.1 \pm 0.3$
Lark KFSP	14.9 <u>+</u> 0.4	$1.19\pm0.03$	14.1 <u>+</u> 0.4
Lark 100FSP	15.4 <u>+</u> 0.4	1.30 <u>+</u> 0.04	14.6 <u>+</u> 0.4
Lark Lights KFSP	13.7 <u>+</u> 0.4	1.09 <u>+</u> 0.03	$13.3 \pm 0.4$
Lark Lights 100's 100FSP	14.4 <u>+</u> 0.4	$1.21 \pm 0.03$	$13.9 \pm 0.4$
Long Johns 120FSP	18.7 <u>+</u> 0.5	1.59 <u>+</u> 0.04	19.8 <u>+</u> 0.8
Long Johns 120FMSP	15.9 <u>+</u> 0.5	$1.43 \pm 0.04$	$17.9 \pm 0.9$

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	Tar	Nicotine	со
Brands	mg/cig	mg/cig	mg/cig
Lucky Strike RNFSP	24.5±0.6	1.56 <u>+</u> 0.03	16.9 <u>+</u> 0.4
Lucky Ten KFSP	$8.6 \pm 0.3$	0.74 <u>+</u> 0.03	$10.6 \pm 0.3$
Lucky 100's 100FSP	$3.2 \pm 0.1$	$0.34 \pm 0.01$	$5.0\pm0.2$
Marlboro KFHP	$16.3 \pm 0.4$		
Marlboro KFMHP	14.8±0.5	0.96±0.02	14.3±0.3
Marlboro KFSP	16.8±0.5	$1.15 \pm 0.03$	
Marlboro KFMSP	$13.9 \pm 0.3$	0.91±0.02	
Marlboro 100's 100FHP	16.5±0.4	1.18±0.03	17.1±0.5
Marlboro 100's 100FSP	$16.4 \pm 0.5$	1.18±0.04	16.5 <u>+</u> 0.5
Marlboro Lights KFHP	$10.2 \pm 0.3$	$0.76 \pm 0.02$	
Marlboro Lights KFSP	11.1±0.3	0.82 <u>+</u> 0.02	
Marlboro Lights 100's 100FSP	10 8+0.3	0.02.0.02	12.7±0.5
Max 120FSP	18 5+0 4	1 58+0 05	17.5±0.4
Max 120FMSP	10.8±0.3 18.5±0.4 17.9±0.4	$0.85 \pm 0.02$ $1.58 \pm 0.05$ $1.54 \pm 0.02$	$16.7 \pm 0.6$
Merit KFSP	7.7±0.3	$0.59\pm0.02$	$10.7\pm0.6$ $10.3\pm0.4$
Merit KFMSP	7.5±0.3	0.58±0.02	$10.3\pm0.4$ $10.0\pm0.3$
Merit 100's 100FSP	$9.6 \pm 0.3$	0.74±0.02	
Merit 100's 100FMSP	$9.1\pm0.2$	0.71±0.02	
Merit Ultra Lights KFSP	$3.3\pm0.1$	$0.33\pm0.02$	4.3 <u>+</u> 0.3
Merit Ultra Lights KFMSP	$3.3\pm0.1$ $3.3\pm0.2$	0.33±0.02 0.33±0.01	4.1±0.2
Montclair KFMSP	$15.8\pm0.2$	$1.11 \pm 0.03$	16.1±0.2
More Lights 100's 100FHP	8.4±0.2	0.72 <u>+</u> 0.02	9.5±0.2
More Lights 100's 100FMHP	$7.2\pm0.2$	0.67±0.03	
More 120FSP	16.7 <u>±</u> 0.5		
More 120FMSP	15.6±0.3	1.28 <u>+</u> 0.03	19.8±0.6
Newport KFMHP	15.8 <u>+</u> 0.3	$1.31\pm0.03$ $1.19\pm0.03$	$16.3\pm0.5$
Newport KFMSP	17.0±0.4	1.30±0.04	18.0±0.5
Newport 100FMSP	$19.3 \pm 0.4$	1.54 <u>+</u> 0.05	19.7±0.5
Newport Lights KFMHP	8.3 <u>+</u> 0.3	0.74 <u>+</u> 0.02	$9.1\pm0.3$
Newport Lights KFMSP	8.3 <u>+</u> 0.3	0.74 <u>+</u> 0.02	9.1±0.3 9.1±0.4
Newport Lights 100's 100FMSP	8.7±0.3		9.1±0.4 9.2 <u>+</u> 0.4
Newport Red KFHP	12.8±0.2	1 1110 02	9.2 <u>T</u> 0.4
Newport Red KFSP	$13.1\pm0.3$	0.82±0.03 1.11±0.03 1.11±0.02 0.59+0.01	14.2±0.3
Northwind KFSP	8.2 <u>+</u> 0.2	0.59 <u>+</u> 0.01	14.8±0.4
Northwind 100's 100FSP	8.7 <u>+</u> 0.3	0.66±0.02	
Now KFHP	*	<0.02	
Now KFSP			$0.1\pm0.03$
Now KFMSP	0.9 <u>+</u> 0.1	$0.14\pm0.01$	$1.7\pm0.1$
Now 100s 100FHP	0.9 <u>+</u> 0.1	0.13 <u>+</u> 0.01	1.7 <u>+</u> 0.2
Now 100s 100FSP	1.8 <u>+</u> 0.1	<0.02	0.1 <u>+</u> 0.03
Now 100s 100FMSP		0.23 <u>+</u> 0.01	1.8±0.1
Oasis KFMSP	1.7±0.1 14.8±0.2	0.22 <u>+</u> 0.01 1.04 <u>+</u> 0.03	1.6 <u>+</u> 0.1
Old Gold Straights KNFSP			14.9 <u>+</u> 0.3
Old Gold Filters KFSP	26.9 <u>+</u> 0.6	1.80±0.04	18.2 <u>+</u> 0.5
Old Gold Filters RFSF Old Gold Filter 100's 100FSP	17.0±0.4	1.37±0.04	19.1 <u>+</u> 0.5
OTM GOTM ETTEET TOOLS TOOLDS	19.1 <u>+</u> 0.4	1.58 <u>+</u> 0.04	19.1 <u>+</u> 0.5

<sup>\*</sup>Not possible to determine precisely with current methodology.

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	Tar	Nicotine	СО
Brands	ma/cia	mg/cig	mg/cig
Old Gold Lights KFSP	$8.9 \pm 0.4$	0.88 <u>+</u> 0.03	10.0 <u>+</u> 0.5
Omni 100FMSP	$7.1 \pm 0.2$	$0.72 \pm 0.02$	6.6 <u>+</u> 0.2
Pall Mall KNFSP	$24.8 \pm 0.6$	1.70±0.04	$17.4 \pm 0.4$
Pall Mall KFSP	$17.6 \pm 0.4$	$1.29\pm0.04$	$18.6 \pm 0.6$
Pall Mall 100FSP	$16.0\pm0.4$	$1.31 \pm 0.03$	$16.6 \pm 0.5$
Pall Mall Extra Light KFSP	$6.4 \pm 0.2$		7.2 <u>+</u> 0.2
Pall Mall Light 100's 100FSP	$9.0\pm0.3$		8.5 <u>+</u> 0.3
Pall Mall Light 100's 100FMSP	$12.8 \pm 0.3$	1.14+0.03	12.8 <u>+</u> 0.3
Parliament Lights KFHP	9.0±0.3	0.69±0.02	9.6 <u>+</u> 0.3
Parliament Lights KFSP	$9.4\pm0.3$	0.74 <u>+</u> 0.02	$10.8 \pm 0.2$
Parliament Lights 100's 100FSP	$11.2 \pm 0.3$	0.92 <u>+</u> 0.03	$11.3 \pm 0.3$
Philip Morris RNFSP	$21.7 \pm 0.7$		$12.9 \pm 0.5$
Philip Morris Commander KNFSP	$26.9 \pm 0.7$	$1.83 \pm 0.05$	$16.1 \pm 0.6$
Philip Morris International 100FHP		$1.20 \pm 0.03$	16.1 <u>+</u> 0.3
Philip Morris International 100FMHP		1.03+0.03	$15.9 \pm 0.4$
Picayune RNFSP	17.1+0.6	$1.03\pm0.03$ $1.24\pm0.03$	$14.0\pm0.6$
Players RNFHP	24.5±0.7	1.99 <u>+</u> 0.06	$14.9 \pm 0.6$
Raleigh KNFSP	23.4 <u>+</u> 0.6	$1.37\pm0.04$	$17.6 \pm 0.6$
Raleigh KFSP	15.2 <u>+</u> 0.4		$17.6 \pm 0.4$
Raleigh 100's 100FSP	$16.0 \pm 0.4$		$17.5 \pm 0.4$
Raleigh Lights KFSP	8.3±0.3	$0.72 \pm 0.02$	$10.2 \pm 0.4$
Raleigh Lights 100's 100FSP	$9.8 \pm 0.4$	$0.84 \pm 0.04$	$13.5 \pm 0.6$
St. Moritz 100FSP	14.3 <u>+</u> 0.3	$1.18 \pm 0.02$	$14.4 \pm 0.4$
St. Moritz 100FMSP	$14.5 \pm 0.3$	$1.21 \pm 0.03$	14.7 <u>+</u> 0.5
Salem KFMSP	14.8±0.3	1.10 <u>+</u> 0.03	$14.2 \pm 0.3$
Salem 100's 100FMSP	$14.7 \pm 0.3$	$1.20 \pm 0.03$	$13.7 \pm 0.3$
Salem Lights KFMSP	$8.4 \pm 0.2$	0.67 <u>+</u> 0.02	$10.7 \pm 0.3$
Salem Lights 100's 100FMSP	$8.9 \pm 0.2$	$0.76 \pm 0.02$	$11.4 \pm 0.3$
Salem Ultra KFMSP	4.2+0.2	$0.43\pm0.02$	$4.9 \pm 0.2$
Salem Ultra 100s 100FMSP	$4.4 \pm 0.2$	$0.44 \pm 0.02$	$6.4\pm0.3$
Saratoqa 120's 120FHP	14.0 <u>+</u> 0.5	1.02 <u>+</u> 0.06	$15.5 \pm 0.7$
Saratoga 120's 120FMHP	14.0 <u>+</u> 0.4	1.04 <u>+</u> 0.03	15.1 <u>+</u> 0.4
Silva Thins 100's 100FSP	$12.2 \pm 0.5$	$1.15\pm0.04$	10.4 <u>+</u> 0.4
Silva Thins 100's 100FMSP	11.9±0.5 19.2±0.4 18.2±0.5	1.14±0.05 1.15±0.03 1.60+0.04	10.2 <u>+</u> 0.4
Spring 100FMSP	$19.2 \pm 0.4$	1.15 <u>+</u> 0.03	17.5 <u>+</u> 0.7
Tall 120s 120FSP	$18.2 \pm 0.5$	1.60 <u>+</u> 0.04	
Tall 120s 120FMSP	$16.0 \pm 0.4$	1.42 <u>+</u> 0.03	17.6 <u>±</u> 0.8
Tareyton KFSP	14.8 <u>+</u> 0.4	1.12 <u>+</u> 0.03	16.5 <u>+</u> 0.6
Tareyton 100's 100FSP	$14.3 \pm 0.4$	1.15 <u>+</u> 0.03	$17.1 \pm 0.6$
Tareyton Lights KFSP	4.4 <u>+</u> 0.3	0.42 <u>+</u> 0.02	5.1 <u>+</u> 0.3
Tareyton Long Lights 100FSP	7.0 <u>+</u> 0.4	0.68 <u>+</u> 0.04	7.5 <u>+</u> 0.5
Tareyton Ultra Low Tar KFMSP	$1.0 \pm 0.3$	0.13 <u>+</u> 0.03	1.4 <u>+</u> 0.4
Triumph KFSP	2.2 <u>+</u> 0.1	0.32 <u>+</u> 0.02	$2.5 \pm 0.2$
Triumph KFMSP	$2.6 \pm 0.1$	$0.37 \pm 0.01$	$3.1 \pm 0.2$
Triumph 100s 100FSP	4.3 <u>+</u> 0.2	0.54 <u>+</u> 0.02	$6.2 \pm 0.4$
Triumph 100s 100FMSP	$4.0\pm0.2$	$0.50 \pm 0.02$	5.8 <u>+</u> 0.3
True KFSP	$4.3 \pm 0.2$	0.43 <u>+</u> 0.02	4.9 <u>+</u> 0.2

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Brands	Tar Mg/cig	Nicotine mg/cig	co mg/cig
True KFMSP	5.0 <u>+</u> 0.2	0.48±0.01	5.4 <u>+</u> 0.2
True 100's 100FSP	$7.1 \pm 0.3$	$0.64 \pm 0.02$	$8.8 \pm 0.4$
True 100's 100FMSP	$7.4 \pm 0.3$		$8.7 \pm 0.3$
Vantage KFSP	8.8 <u>+</u> 0.3		$12.9 \pm 0.3$
Vantage KFMSP	8.6 <u>+</u> 0.2	0.68 <u>+</u> 0.02	$12.8 \pm 0.3$
Vantage 100s 100FSP	$8.6 \pm 0.3$	$0.71 \pm 0.02$	$12.6 \pm 0.6$
Vantage Ultra Lights KFSP	4.0 <u>+</u> 0.2	$0.41 \pm 0.02$	5.0 <u>+</u> 0.3
Vantage Ultra Lights 100s 100FSP	$4.2 \pm 0.2$	$0.48 \pm 0.02$	5.8 <u>+</u> 0.3
Viceroy KFSP	14.8 <u>+</u> 0.4	$0.96\pm0.03$	17.0 <u>+</u> 0.7
Viceroy Rich Lights KFSP	8.5 <u>+</u> 0.2	$0.73\pm0.02$	$10.7 \pm 0.4$
Viceroy Rich Lights 100FSP	9.4 <u>+</u> 0.3	0.80 <u>+</u> 0.02	12.8 <u>+</u> 0.4
Viceroy Super Long 100's 100FSP	14.8 <u>+</u> 0.4	$1.08\pm0.03$	17.8 <u>+</u> 0.5
Virginia Slims 100FSP	14.7 <u>+</u> 0.4	$1.07 \pm 0.02$	14.5 <u>+</u> 0.4
Virginia Slims 100FMSP	14.6 <u>+</u> 0.2	1.04 <u>+</u> 0.02	13.5 <u>+</u> 0.3
Virginia Slims Lights 100FHP	8.3 <u>+</u> 0.3	0.67 <u>±</u> 0.02	8.9 <u>+</u> 0.4
Virginia Slims Lights 100FMHP	$7.8 \pm 0.3$	0.66 <u>+</u> 0.02	8.4 <u>+</u> 0.3
Winston KFHP	16.3 <u>+</u> 0.4	1.10 <u>+</u> 0.03	$15.6 \pm 0.6$
Winston KFSP	15.0 <u>+</u> 0.3	1.07 <u>+</u> 0.02	17.0 <u>+</u> 0.4
Winston 100's 100FSP	14.6 <u>+</u> 0.4	1.06 <u>+</u> 0.02	14.8 <u>+</u> 0.5
Winston Lights KFSP	10.4 <u>+</u> 0.2	0.83 <u>+</u> 0.02	$11.2 \pm 0.3$
Winston Light 100's 100FSP	11.9 <u>+</u> 0.4	0.89 <u>+</u> 0.02	15.2 <u>+</u> 0.5
Winston Ultra Lights KFSP	3.9 <u>+</u> 0.2	0.42 <u>+</u> 0.02	4.8 <u>+</u> 0.3
Winston Ultra Lights 100's 100FSP	$4.7 \pm 0.2$	0.46 <u>+</u> 0.02	6.9 <u>+</u> 0.4
Winston International 100FHP	18.1 <u>+</u> 0.4	1.40 <u>+</u> 0.03	17.4 <u>+</u> 0.4

TAR RANKINGS
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Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Cambridge KFHP*	_	<0.02	0.1 <u>±</u> 0.04
Carlton KFHP*	_	<0.02	
Now KFHP*	_		0.0±0.03
Now 100s 100FHP*	_	<0.02	0.1±0.03
Carlton KFMSP	0 410 1	<0.02	$0.1\pm0.03$
Carlton 100's 100FHP	$0.4\pm0.1$	0.09±0.01	$1.1\pm0.1$
	$0.4\pm0.1$	0.09±0.01	
Carlton 100's 100FMHP	$0.6\pm0.1$	$0.10\pm0.02$	$0.8 \pm 0.2$
Cambridge KFSP	$0.6 \pm 0.1$		
Benson & Hedges RFHP	$0.7\pm0.1$	$0.09\pm0.01$	1.7 <u>+</u> 0.2
Barclay KFSP	$0.8 \pm 0.2$	0.12 <u>+</u> 0.02	$1.0\pm0.2$
Carlton KFSP	0.8 <u>+</u> 0.1	$0.12 \pm 0.01$	1.8±0.1
Now KFSP	$0.8\pm0.1$ $0.9\pm0.1$ $0.9\pm0.1$	$0.14\pm0.01$	
Now KFMSP	$0.9\pm0.1$	$0.13 \pm 0.01$	
Barclay KFHP	$0.9\pm0.2$		
Tareyton Ultra Low Tar KFMSP	$1.0\pm0.3$	$0.13 \pm 0.03$	$1.4 \pm 0.4$
Barclay KFMSP	$1.0 \pm 0.2$	$0.12 \pm 0.01$	1.5 <u>+</u> 0.2
Kool Ultra KFMSP	1.7 <u>+</u> 0.3 1.7 <u>+</u> 0.1	0.18±0.03 0.22±0.01	1.7 <u>+</u> 0.3
Now 100s 100FMSP	$1.7 \pm 0.1$	0,22 <u>+</u> 0,01	1.6 <u>±</u> 0.1
Now 100s 100FSP	1.8+0.1	U.23 <u>+</u> U.UI	1.8 <u>≠</u> U.1
Triumph KFSP	$2.2\pm0.1$	$0.32 \pm 0.02$	2.5±0.2
Kent III KFSP	2.4 <u>+</u> 0.1		2.8 <u>+</u> 0.2
Iceberg 100's 100FMSP	2.5 <u>+</u> 0.1	0.28 <u>+</u> 0.01	3.6 <u>+</u> 0.2
Triumph KFMSP	$2.6 \pm 0.1$	$0.37 \pm 0.01$	$3.1 \pm 0.2$
Barclay 100FMSP	2.9 <u>+</u> 0.2	0.30 <u>+</u> 0.02	2.7 <u>+</u> 0.2
Barclay 100FSP	2.9 <u>+</u> 0.2 2.9 <u>+</u> 0.2	0.30 <u>+</u> 0.02 0.32 <u>+</u> 0.02	$2.6 \pm 0.2$
Lucky 100's 100FSP	$3.2\pm0.1$	$0.34 \pm 0.01$	5.0±0.2
Cambridge 100's 100FSP	$3.3 \pm 0.1$	0.37 <u>+</u> 0.01	$5.6 \pm 0.2$
Merit Ultra Lights KFMSP	$3.3 \pm 0.2$		
Merit Ultra Lights KFSP	$3.3 \pm 0.1$	$0.33 \pm 0.02$	$4.3 \pm 0.3$
Winston Ultra Lights KFSP	3.9+0.2	0.42 + 0.02	
Triumph 100s 100FMSP	$4.0\pm0.2$	$0.50\pm0.02$	5.8 <u>+</u> 0.3
Kool Ültra 100's 100FMSP	$4.0 \pm 0.3$	$0.42 \pm 0.03$	$3.7 \pm 0.3$
Vantage Ultra Lights KFSP	4 0+0 2	0 41+0 02	5 በ业በ 3
Doral II KFMSP	$4.0 \pm 0.2$	0.41±0.02 0.42±0.02 0.40±0.02 0.43±0.03	$3.6 \pm 0.2$
Carlton 100's 100FSP	4.1+0.3	0.42 + 0.02	5.7 <u>+</u> 0.4
Doral II KFSP	4.1+0.2	0.40+0.02	$3.9 \pm 0.2$
Carlton 100's 100FMSP	$4.1 \pm 0.3$	$0.43 \pm 0.03$	$5.6 \pm 0.5$
Salem Ultra KFMSP	$4.2 \pm 0.2$	$0.43\pm0.02$	$4.9 \pm 0.2$
Vantage Ultra Lights 100s 100FSP	$4.2 \pm 0.2$	0,48 <u>+</u> 0.02	5.8 <u>+</u> 0.3
Kent III 100FSP	4.2±0.2	0.51 <u>+</u> 0.02	$6.2 \pm 0.2$
True KFSP	4.3±0.2	$0.43\pm0.02$	$4.9 \pm 0.2$
Triumph 100s 100FSP	4.3±0.2	$0.54 \pm 0.02$	$6.2 \pm 0.4$
Salem Ultra 100s 100FMSP	4.4±0.2	$0.44\pm0.02$	$6.4\pm0.3$
Tareyton Lights KFSP	4.4 <u>+</u> 0.3	$0.42 \pm 0.02$	5.1 <u>+</u> 0.3
Winston Ultra Lights 100's 100FSP	4.7 <u>+</u> 0.2	$0.46\pm0.02$	$6.9\pm0.4$
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<sup>\*</sup>Not possible to rank. Listed alphabetically.

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Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
True KFMSP	5.0 <u>±</u> 0.2	0.48±0.01	$5.4 \pm 0.2$
Decade KFMSP	$5.0 \pm 0.2$	$0.49\pm0.02$	4.6±0.3
Decade KFSP	5.0±0.2	$0.50\pm0.02$	4.9±0.3
Carlton 120's 120FSP	$5.3\pm0.3$	$0.58 \pm 0.02$	$4.6 \pm 0.2$
Carlton 120's 120FMSP	$5.9\pm0.3$	$0.66\pm0.03$	5.2 <u>+</u> 0.2
Kool Super Lights KFMSP	6.3±0.3	$0.55\pm0.02$	6.8 <u>+</u> 0.4
Pall Mall Extra Light KFSP	$6.4\pm0.2$	$0.64\pm0.02$	$7.2 \pm 0.2$
Tareyton Long Lights 100FSP	$7.0\pm0.4$	$0.68\pm0.04$	
True 100's 100FSP	$7.1\pm0.3$	$0.64\pm0.02$	
Omni 100FMSP	$7.1\pm0.3$ $7.1\pm0.2$	$0.72 \pm 0.02$	$6.6 \pm 0.2$
More Lights 100's 100FMHP	$7.2\pm0.2$	0.67±0.02	$9.1\pm0.4$
Golden Lights 100's 100FMSP	$7.2\pm0.3$ $7.2\pm0.4$	0.73 <u>+</u> 0.03	7.5 <u>+</u> 0.5
True 100's 100FMSP	7.4±0.3	$0.65 \pm 0.02$	8.7 <u>+</u> 0.3
Golden Lights KFSP	$7.4\pm0.3$	$0.72\pm0.03$	$8.0\pm0.3$
Merit KFMSP	$7.5\pm0.3$	0.58 <u>+</u> 0.02	10.0±0.3
Camel Lights KFHP	7.5±0.3	0.73±0.03	$7.9\pm0.3$
L & M Lights 100FMSP	7.7 <u>±</u> 0.2	0 83+0 02	6 1±0 3
Merit KFSP	7.7±0.3	0.59±0.02	$10.3 \pm 0.4$
Golden Lights KFMSP	$7.8 \pm 0.3$	$0.74 \pm 0.02$	8.3±0.4
Virginia Slims Lights 100FMHP	7.8 <u>+</u> 0.3		
L & M Lights 100FSP	$7.9 \pm 0.3$	$0.85\pm0.03$	
Decade 100's 100FSP	7.9 <u>+</u> 0.2	$0.84 \pm 0.02$	$7.0\pm0.3$
Golden Lights 100's 100FSP	8.0 <u>+</u> 0.3	$0.80\pm0.03$	$8.2 \pm 0.5$
Camel Lights KFSP	$8.1 \pm 0.2$	0.75 <u>+</u> 0.02	$10.6 \pm 0.3$
L & M Lights KFSP	8.1 <u>+</u> 0.3	$0.83 \pm 0.02$	7.0±0.3
Northwind KFSP	$8.2 \pm 0.2$	$0.59\pm0.01$	$10.6 \pm 0.3$
Virginia Slims Lights 100FHP	$8.3 \pm 0.3$	$0.67 \pm 0.02$	8.9 <u>+</u> 0.4
Newport Lights KFMSP	8.3 <u>+</u> 0.3	$0.74\pm0.03$	$9.1 \pm 0.4$
Newport Lights KFMHP	$8.3 \pm 0.3$	$0.74 \pm 0.02$	$9.1\pm0.3$
Raleigh Lights KFSP	$8.3 \pm 0.3$	$0.72 \pm 0.02$	
Salem Lights KFMSP	8.4 <u>+</u> 0.2	0.67 <u>+</u> 0.02	10.7 <u>+</u> 0.3
More Lights 100's 100FHP	$8.4 \pm 0.2$	0.72±0.02	9.5 <u>+</u> 0.2
Viceroy Rich Lights KFSP	8.5 <u>+</u> 0.2	$0.73 \pm 0.02$	10.7 <u>+</u> 0.4
Vantage 100s 100FSP	8.6 <u>+</u> 0.3		$12.6 \pm 0.6$
Vantage KFMSP	$8.6 \pm 0.2$	$0.68 \pm 0.02$	$12.8 \pm 0.3$
Lucky Ten KFSP	$8.6 \pm 0.3$	$0.74 \pm 0.03$	$10.6 \pm 0.3$
Newport Lights 100's 100FMSP	8.7 <u>+</u> 0.3	0.82 <u>+</u> 0.03	$9.2 \pm 0.4$
Northwind 100's 100FSP	8.7 <u>+</u> 0.3	0.66 <u>+</u> 0.02	10.9 <u>+</u> 0.2
Belair KFMSP	$8.8 \pm 0.3$	0.78 <u>+</u> 0.02	9.9 <u>+</u> 0.3
Vantage KFSP	8.8 <u>+</u> 0.3	$0.71 \pm 0.02$	12.9 <u>+</u> 0.3
Kool Lights KFMSP	8.9 <u>+</u> 0.2	0.74 <u>+</u> 0.02	$10.2 \pm 0.4$
Old Gold Lights KFSP	8.9 <u>+</u> 0.4	0.88 <u>+</u> 0.03	$10.0\pm0.5$
Salem Lights 100's 100FMSP	8.9 <u>+</u> 0.2	$0.76 \pm 0.02$	$11.4 \pm 0.3$
Pall Mall Light 100's 100FSP	$9.0 \pm 0.3$	0.86 <u>+</u> 0.02	8.5 <u>+</u> 0.3
Parliament Lights KFHP	$9.0 \pm 0.3$	0.69 <u>+</u> 0.02	9.6 <u>+</u> 0.3
Merit 100's 100FMSP	$9.1 \pm 0.2$	$0.71 \pm 0.02$	$11.2 \pm 0.3$
Viceroy Rich Lights 100FSP	9.4 <u>+</u> 0.3	0.80 <u>+</u> 0.02	12.8 <u>+</u> 0.4

Brands	Tar	Nicotine	co
	mg/cig	mg/cig	mg/cig
Parliament Lights KFSP Belair 100FMSP Kool Super Lights 100's 100FMSP Merit 100's 100FSP Raleigh Lights 100's 100FSP	9.4±0.3	0.74±0.02	10.8±0.2
	9.4±0.3	0.73±0.02	11.8±0.3
	9.5±0.3	0.72±0.03	12.0±0.4
	9.6±0.3	0.74±0.02	12.1±0.4
	9.8±0.4	0.84±0.04	13.5±0.6
Benson & Hedges Lights 100's 100FMSP	$10.0\pm0.3$ $10.2\pm0.3$ $10.4\pm0.2$ $10.5\pm0.3$ $10.5\pm0.4$	0.74±0.07	11.6±0.4
Marlboro Lights KFHP		0.76±0.02	11.8±0.3
Winston Lights KFSP		0.83±0.02	11.2±0.3
Benson & Hedges Lights 100's 100FMHP		0.85±0.03	12.1±0.5
Benson & Hedges Lights 100's 100FSP		0.83±0.02	12.9±0.6
Kool Lights 100's 100FMSP Marlboro Lights 100's 100FSP Kool Milds KFMSP Benson & Hedges Multifilter KFMSP Marlboro Lights KFSP	10.6±0.3	0.89±0.03	11.2±0.3
	10.8±0.3	0.85±0.02	12.7±0.5
	10.8±0.4	0.86±0.03	12.1±0.4
	10.9±0.5	0.83±0.03	10.6±0.5
	11.1±0.3	0.82±0.02	12.8±0.3
Parliament Lights 100's 100FSP Benson & Hedges Lights 100's 100FHP Camel Lights 100's 100FSP Kool Milds 100FMSP Winston Light 100's 100FSP	11.2±0.3	0.92±0.03	11.3±0.3
	11.3±0.2	0.85±0.02	13.3±0.3
	11.5±0.3	0.89±0.03	14.5±0.3
	11.6±0.3	0.92±0.03	13.5±0.3
	11.9±0.4	0.89±0.02	15.2±0.5
Silva Thins 100's 100FMSP Benson & Hedges Multifilter KFSP Silva Thins 100's 100FSP Kent Micronite II KFSP Eve Lights 100's 100FSP	11.9±0.5	1.14±0.05	10.2±0.4
	12.0±0.3	0.85±0.02	11.6±0.3
	12.2±0.5	1.15±0.04	10.4±0.4
	12.2±0.3	1.01±0.03	12.3±0.4
	12.5±0.4	1.05±0.03	13.6±0.5
Eve Lights 100's 100FMSP Pall Mall Light 100's 100FMSP Kent Micronite II KFHP Newport Red KFHP Newport Red KFSP	12.6±0.3 12.8±0.3 12.8±0.4 12.8±0.2 13.1±0.3	1.03±0.03 1.14±0.03 1.00±0.03 1.11±0.03 1.11±0.02	13.3±0.5 12.8±0.3 13.0±0.5 14.2±0.3
Eve Lights 120's 120FHP Lark Lights KFSP Eve Lights 120's 120FMHP Kool Super Longs 100's 100FMSP Marlboro KFMSP	13.5±0.5 13.7±0.4 13.7±0.3 13.7±0.4	1.17±0.04 1.09±0.03 1.19±0.03 0.98±0.03	14.8±0.4 11.4±0.6 13.3±0.4 11.7±0.4 16.1±0.7
Saratoga 120's 120FMHP Saratoga 120's 120FHP Alpine KFMSP Kent Micronite II 100FSP	13.9±0.3 14.0±0.4 14.0±0.5 14.1±0.3 14.2±0.4	$0.91\pm0.02$ $1.04\pm0.03$ $1.02\pm0.06$ $0.92\pm0.03$ $1.17\pm0.03$	13.8±0.4 15.1±0.4 15.5±0.7 14.1±0.4 13.6±0.5
Kent Micronite II 100FMSP	14.3±0.3	1.26±0.03	13.6±0.4
St. Moritz 100FSP	14.3±0.3	1.18±0.02	14.4±0.4
Tareyton 100's 100FSP	14.3±0.4	1.15±0.03	17.1±0.6
Lark Lights 100's 100FSP	14.4±0.4	1.21±0.03	13.9±0.4
St. Moritz 100FMSP	14.5±0.3	1.21±0.03	14.7±0.5
L & M 100FSP L & M KFSP Winston 100's 100FSP	$14.5 \pm 0.4  14.6 \pm 0.4  14.6 \pm 0.4$	$\begin{array}{c} 1.14 \pm 0.03 \\ 1.07 \pm 0.03 \\ 1.06 \pm 0.02 \end{array}$	16.4±0.4 15.4±0.6 14.8±0.5

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Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Alpine KFMSP Barclay KFHP	14.1±0.3 0.9±0.2	0.92 <u>+</u> 0.03 0.15 <u>+</u> 0.03	14.1±0.4 1.2±0.2
Barclay KFSP	$0.8 \pm 0.2$	0.12±0.02	$1.0\pm0.2$
Barclay KFMSP	1.0 <u>+</u> 0.2	0.12 <u>+</u> 0.01	$1.5\pm0.2$
Barclay 100FSP	$2.9\pm0.2$	$0.12\pm0.01$ $0.32\pm0.02$	$\frac{1.5\pm0.2}{2.6\pm0.2}$
Barclay 100FMSP	2.9±0.2	0.30±0.02	$2.0\pm0.2$ $2.7\pm0.2$
Belair KFMSP	8.8±0.3	0.78 <u>+</u> 0.02	$9.9\pm0.3$
Belair 100FMSP	$9.4\pm0.3$	0.73 <u>+</u> 0.02	$11.8\pm0.3$
Benson & Hedges RFHP	0.7±0.1	0.09±0.01	1.7±0.2
Benson & Hedges KFHP	$15.3 \pm 0.5$	$1.24\pm0.04$	
Benson & Hedges 100's 100FHP	15.9±0.5	1.13±0.04	$15.5\pm0.5$
Benson & Hedges 100's 100FMHP	15 9+0 4	1 11+0 03	$15.4\pm0.3$
Benson & Hedges 100's 100FSP	15.9±0.4 16.7±0.5 16.2±0.4 11.3±0.2	1.11 <u>+</u> 0.03 1.20 <u>+</u> 0.04	16.840.5
Benson & Hedges 100's 100FMSP	16.2+0.4	1.19±0.03	16.5±0.4
Benson & Hedges Lights 100's 100FHP	11.3+0.2	$0.85\pm0.02$	13.3±0.3
Benson & Hedges Lights 100's 100FMHP	$10.5\pm0.3$		
Benson & Hedges Lights 100's 100FSP	$10.5 \pm 0.4$	0.83 + 0.02	12.9+0.6
Benson & Hedges Lights 100's 100FMSP	10.0+0.3	$0.74\pm0.07$	$11.6 \pm 0.4$
Benson & Hedges Multifilter KFSP	$10.0\pm0.3 \\ 12.0\pm0.3 \\ 10.9\pm0.5$	0.85+0.02	11.6+0.3
Benson & Hedges Multifilter KFMSP	10.9+0.5	$0.83\pm0.03$	10.6±0.5
Bull Durham KFSP	$29.1 \pm 0.6$	2.10 <u>+</u> 0.06	23.1±0.4
Cambridge KFHP	*	>0.02	0.1 <u>+</u> 0.04
Cambridge KFSP	0.6 <u>+</u> 0.1	0.10 <u>+</u> 0.01	1.3±0.1
Cambridge 100's 100FSP		$0.37 \pm 0.01$	5.6 <u>+</u> 0.2
Camel RNFSP	20.6+0.4	$1.39\pm0.03$	$13.0\pm0.3$
Camel Filters KFSP	$15.4 \pm 0.5$	$1.11\pm0.03$	$15.3 \pm 0.6$
Camel Lights KFHP	$\begin{array}{c} 20.6 \pm 0.4 \\ 15.4 \pm 0.5 \\ 7.5 \pm 0.3 \end{array}$	0.73 <u>+</u> 0.03	
Camel Lights KFSP	8.1 <u>+</u> 0.2	0.75 <u>+</u> 0.02	$10.6\pm0.3$
Camel Lights 100's 100FSP	$11.5 \pm 0.3$	$0.89 \pm 0.03$	$14.5 \pm 0.3$
Carlton KFHP	*	>0.02	$0.0\pm0.03$
Carlton KFSP	0.8 <u>+</u> 0.1	$0.12 \pm 0.01$	1.8 <u>+</u> 0.1
Carlton KFMSP	0.4 <u>+</u> 0.1	0.09 <u>+</u> 0.01	$1.1 \pm 0.1$
Carlton 100's 100FHP	0.4 <u>+</u> 0.1		0.8 <u>+</u> 0.1
Carlton 100's 100FMHP	0.6 <u>+</u> 0.1	0.10 <u>+</u> 0.02	0.8 <u>+</u> 0.2
Carlton 100's 100FSP	$4.1 \pm 0.3$	0.42 <u>+</u> 0.02	5.7 <u>+</u> 0.4
Carlton 100's 100FMSP	4.1 <u>+</u> 0.3	0.43 <u>+</u> 0.03	5.6 <u>+</u> 0.5
Carlton 120's 120FSP	5.3 <u>+</u> U.3	0.58 <u>+</u> 0.02	4.6 <u>+</u> U.2
Carlton 120's 120FMSP	5.9 <u>+</u> 0.3	0.66 <u>+</u> 0.03	5.2 <u>+</u> 0.2
Chesterfield RNFSP	20.9 <u>+</u> 0.5	$1.42 \pm 0.04$	13.3 <u>+</u> 0.3
Chesterfield KNFSP	24.6 <u>+</u> 0.6	1.75 <u>+</u> 0.05	15.6 <u>+</u> 0.6
Chesterfield KFSP	14.9 <u>+</u> 0.4	1.07 <u>+</u> 0.03	15.1 <u>+</u> 0.4
Chesterfield 101 100FSP	1 <b>4.</b> 7 <u>+</u> 0.4	1.14 <u>+</u> 0.03	16.7 <u>+</u> 0.5
Decade KFSP	5.0 <u>+</u> 0.2	$0.50 \pm 0.02$	$4.9 \pm 0.3$
Decade KFMSP	5.0 <u>+</u> 0.2	$0.49\pm0.02$	$4.6 \pm 0.3$
Decade 100's 100FSP	7.9 <u>+</u> 0.2	$0.84 \pm 0.02$	7.0±0.3

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<sup>\*</sup>Not possible to determine precisely with current methodology.

Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Doral II KFSP	4.1 <u>+</u> 0.2	0.40 <u>+</u> 0.02	3.9 <u>+</u> 0.2
Doral II KFMSP	4.0±0.2	$0.41 \pm 0.02$	3.6 <u>+</u> 0.2
DuMaurier KFHP	$16.8 \pm 0.8$	$1.15 \pm 0.06$	18.8±0.7
English Ovals RNFHP	21.7±0.5	1.77±0.06	12.1±0.4
English Ovals KNFHP	26.7±0.8	2.24±0.06	14.4±0.6
Eve Lights 100's 100FSP	12.5 <u>+</u> 0.4		
Eve Lights 100's 100FMSP	$12.6\pm0.3$		
Eve Lights 120's 120FHP	13.5 <u>+</u> 0.5	1.17 <u>+</u> 0.04	11.4 <u>+</u> 0.6
Eve Lights 120's 120FMHP	13.7±0.3	$1.19\pm0.03$	11.7±0.4
Galaxy KFSP	$15.1\pm0.4$	1.03±0.03	15.6±0.4
	$7.4\pm0.3$	0.72 <u>+</u> 0.03	8.0+0.3
	7.8 <u>+</u> 0.3		
Golden Lights 100's 100FSP	8.0 <u>+</u> 0.3	$0.80\pm0.03$	
Golden Lights 100's 100FMSP	7.2+0.4	0.73+0.03	7.5 <u>+</u> 0.5
Half & Half KFSP	$7.2 \pm 0.4$ $17.8 \pm 0.5$ $27.6 \pm 0.7$	0.73 <u>+</u> 0.03 1.51 <u>+</u> 0.04	16.9±0.4
Herbert Tareyton KNFSP	27.6±0.7	1.94±0.05	19.2±0.6
Iceberg 100's 100FMSP	2.5 <u>+</u> 0.1	0.28±0.01	3.6+0.2
Kent Micronite II KFHP	$12.8 \pm 0.4$		$13.0\pm0.5$
Kent Micronite II KFSP	12.2±0.3	1.01+0.03	12.3 <u>+</u> 0.4
Kent Micronite II 100FSP		1.17+0.03	13.6±0.5
Kent Micronite II 100FMSP	$14.2\pm0.4$ $14.3\pm0.3$	$1.01\pm0.03$ $1.17\pm0.03$ $1.26\pm0.03$	$13.6 \pm 0.4$
Kent III KFSP	2.4 <u>+</u> 0.1	0.33 <u>+</u> 0.01	2.8+0.2
Kent III 100FSP	$4.2 \pm 0.2$	0.51 <u>+</u> 0.02	
Kool RNFMSP	18.7±0.6		
Kool KFMHP	$16.3\pm0.4$	1.21+0.03	$16.9 \pm 0.4$
Kool KFMSP	$17.0 \pm 0.4$	$1.21\pm0.03$ $1.23\pm0.03$ $0.86\pm0.03$	15.8 <u>+</u> 0.5
Kool Milds KFMSP	17.0 <u>+</u> 0.4 10.8 <u>+</u> 0.4	0.86+0.03	$12.1 \pm 0.4$
Kool Milds 100FMSP	$11.6 \pm 0.3$	$0.92 \pm 0.03$	$13.5 \pm 0.3$
Kool Lights KFMSP	$8.9 \pm 0.2$	$0.74 \pm 0.02$	
Kool Lights 100's 100FMSP Kool Super Lights KFMSP	$10.6 \pm 0.3$		
Kool Super Lights KFMSP	$6.3 \pm 0.3$	0.55±0.02	$6.8 \pm 0.4$
Kool Super Lights 100's 100FMSP	9.5 <u>+</u> 0.3	0.72±0.03	$12.0\pm0.4$
Kool Super Longs 100's 100FMSP	9.5±0.3 13.7±0.4	0.98±0.03	16.1 <u>+</u> 0.7
Kool Ultra KFMSP	1.7 <u>+</u> 0.3	0.18 <u>+</u> 0.03	1.7 <u>+</u> 0.3
Kool Ultra 100's 100FMSP	4.0 <u>+</u> 0.3	0.42 <u>+</u> 0.03	3.7 <u>+</u> 0.3
L & M KFHP	14.6 <u>+</u> 0.5		$15.0 \pm 0.4$
L & M KFSP	14.6 <u>+</u> 0.4	1.07 <u>+</u> 0.03	15.4 <u>+</u> 0.6
L & M 100FSP	$14.5 \pm 0.4$	$1.14 \pm 0.03$	$16.4 \pm 0.4$
L & M Lights KFSP	$8.1 \pm 0.3$	$0.83 \pm 0.02$	$7.0 \pm 0.3$
L & M Lights 100FSP	7.9 <u>+</u> 0.3	$0.85 \pm 0.03$	$6.3 \pm 0.2$
L & M Lights 100FMSP	7.7 <u>+</u> 0.2	$0.83 \pm 0.02$	$6.1 \pm 0.3$
Lark KFSP	$14.9 \pm 0.4$	$1.19\pm0.03$	$14.1 \pm 0.4$
Lark 100FSP	15.4 <u>+</u> 0.4	$1.30\pm0.04$	$14.6 \pm 0.4$
Lark Lights KFSP	13.7±0.4	1.09 <u>+</u> 0.03	$13.3 \pm 0.4$
Lark Lights 100's 100FSP	14.4 <u>+</u> 0.4	1.21 <u>+</u> 0.03	$13.9 \pm 0.4$
Long Johns 120FSP	$18.7 \pm 0.5$	1.59 <u>+</u> 0.04	19.8 <u>+</u> 0.8
Long Johns 120FMSP	15.9 <u>+</u> 0.5	1.43 <u>+</u> 0.04	17.9 <u>+</u> 0.9

Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Lucky Strike RNFSP	24.5±0.6		16.9 <u>+</u> 0.4
Lucky Ten KFSP	8.6±0.3	0.74 <u>+</u> 0.03	$10.6 \pm 0.3$
Lucky 100's 100FSP	$3.2 \pm 0.1$	0.34 <u>+</u> 0.01	5.0 <u>+</u> 0.2
Marlboro KFHP	16.3 <u>+</u> 0.4		14.9 <u>+</u> 0.4
Marlboro KFMHP	14.8 <u>+</u> 0.5	0.96 <u>+</u> 0.02	$14.3 \pm 0.3$
Marlboro KFSP	$16.8 \pm 0.5$	1.15 <u>+</u> 0.03	15.7 <u>+</u> 0.4
Marlboro KFMSP	13.9 <u>+</u> 0.3	0.91±0.02	13.8 <u>+</u> 0.4
Marlboro 100's 100FHP	16.5±0.4	$1.18\pm0.03$	17.1 <u>±</u> 0.5
Marlboro 100's 100FSP	$16.4 \pm 0.5$	1.18 <u>+</u> 0.04	16.5 <u>±</u> 0.5
Marlboro Lights KFHP	$10.2 \pm 0.3$		$11.8 \pm 0.3$
Marlboro Lights KFSP	$11.1 \pm 0.3$	0.82 <u>+</u> 0.02	12.8 <u>+</u> 0.3
Marlboro Lights 100's 100FSP	$10.8 \pm 0.3$	0.85 <u>+</u> 0.02	12.7 <u>+</u> 0.5
Max 120FSP	18.5 <u>+</u> 0.4	1.58 <u>+</u> 0.05	17.5 <u>±</u> 0.4
Max 120FMSP	18.5±0.4 17.9±0.4 7.7±0.3	$1.54 \pm 0.02$	16.7 <u>+</u> 0.6
Merit KFSP	$7.7 \pm 0.3$	0.59 <u>+</u> 0.02	10.3±0.4
Merit KFMSP	$7.5 \pm 0.3$		10.0 <u>+</u> 0.3
Merit 100's 100FSP	9.6 <u>+</u> 0.3		$12.1 \pm 0.4$
Merit 100's 100FMSP	$9.1 \pm 0.2$	$0.71 \pm 0.02$	$11.2 \pm 0.3$
Merit Ultra Lights KFSP	$3.3 \pm 0.1$	0.33 <u>+</u> 0.02	$4.3 \pm 0.3$
Merit Ultra Lights KFMSP	$3.3 \pm 0.2$	$0.33 \pm 0.01$	$4.3\pm0.3$ $4.1\pm0.2$
Montclair KFMSP	15.8±0.3	T • T T T O • C D	TO 1 TTO 1 7
More Lights 100's 100FHP	8.4 <u>+</u> 0.2	0.72 <u>+</u> 0.02	$9.5 \pm 0.2$
More Lights 100's 100FMHP	$7.2 \pm 0.3$		$9.1 \pm 0.4$
More 120FSP	$16.7 \pm 0.5$	$1.28\pm0.03$	$20.7 \pm 0.6$
More 120FMSP	15.6±0.3 15.8±0.3 17.0±0.4	1.31 <u>±</u> 0.03 1.19 <u>±</u> 0.03	19.8±0.6
Newport KFMHP	$15.8 \pm 0.3$	1.19±0.03	$16.3\pm0.5$
Newport KFMSP	$17.0 \pm 0.4$	$1.30\pm0.04$	
Newport 100FMSP	$19.3 \pm 0.4$		
	$8.3 \pm 0.3$	$0.74 \pm 0.02$	$9.1 \pm 0.3$
Newport Lights KFMSP	$8.3\pm0.3$	$0.74\pm0.03$	$9.1 \pm 0.4$
Newport Lights 100's 100FMSP	8./ <u>+</u> 0.3	0.82 <u>±</u> 0.03 1.11 <u>+</u> 0.03	$9.2 \pm 0.4$
Newport Red KFHP	12.8±0.2	$0.82\pm0.03$ $1.11\pm0.03$ $1.11\pm0.02$	$14.2 \pm 0.3$
Newport Red KFSP	13.1±0.3	1.11±0.02	14.8±0.4
Northwind KFSP		$0.59\pm0.01$	
Northwind 100's 100FSP	8.7±0.3 *	0.66±0.02	
Now KFHP		>0.02	$0.1 \pm 0.03$
Now KFSP	$0.9\pm0.1$	$0.14\pm0.01$	$1.7 \pm 0.1$
Now KFMSP	0.9 <u>+</u> 0.1 *	0.13±0.01	$1.7\pm0.2$
Now 100s 100FHP		>0.02	$0.1\pm0.03$
Now 100s 100FSP	1.8±0.1	0.23±0.01	1.8±0.1
Now 100s 100FMSP Oasis KFMSP	1.7±0.1	$0.22\pm0.01$	$1.6\pm0.1$
	14.8±0.2	$1.04\pm0.03$	14.9±0.3
Old Gold Straights KNFSP Old Gold Filters KFSP	26.9 <u>+</u> 0.6	1.80±0.04	18.2±0.5
	17.0±0.4	1.37±0.04	19.1 <u>+</u> 0.5
Old Gold Filter 100's 100FSP	19.1 <u>±</u> 0.4	1.58±0.04	19.1 <u>+</u> 0.5

<sup>\*</sup>Not possible to determine precisely with current methodology.

Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Old Gold Lights KFSP Omni 100FMSP	8.9±0.4 7.1±0.2	0.88±0.03 0.72±0.02	10.0±0.5
Pall Mall KNFSP	24.8 <u>+</u> 0.6	1.70±0.04	6.6 <u>+</u> 0.2 17.4 <u>+</u> 0.4
Pall Mall KFSP	17.6±0.4	1.29±0.04	18.6±0.6
Pall Mall 100FSP	$16.0 \pm 0.4$		
Pall Mall Extra Light KFSP	$6.4 \pm 0.2$	0.64±0.02	7.2 <u>+</u> 0.2
Pall Mall Light 100's 100FSP	9.0±0.3	0.86±0.02	8.5 <u>+</u> 0.3
Pall Mall Light 100's 100FMSP	$12.8 \pm 0.3$	$1.14\pm0.03$	$12.8 \pm 0.3$
Parliament Lights KFHP	$9.0 \pm 0.3$	$0.69 \pm 0.02$	$9.6 \pm 0.3$
Parliament Lights KFSP	$9.4 \pm 0.3$	$0.74\pm0.02$	$10.8 \pm 0.2$
Parliament Lights 100's 100FSP	$11.2 \pm 0.3$	$0.92 \pm 0.03$	$11.3 \pm 0.3$
Philip Morris RNFSP	$21.7 \pm 0.7$	$1.44 \pm 0.06$	$12.9 \pm 0.5$
Philip Morris Commander KNFSP	26.9 <u>+</u> 0.7	$1.83 \pm 0.05$	16.1 <u>+</u> 0.6
Philip Morris International 100FHP	$17.3 \pm 0.3$	$1.20\pm0.03$	16.1 <u>+</u> 0.3
Philip Morris International 100FMHP	15.4 <u>+</u> 0.4	$1.03\pm0.03$	
Picayune RNFSP	17.1 <u>+</u> 0.6	1.24 <u>+</u> 0.03	14.0 <u>+</u> 0.6
Players RNFHP	24.5 <u>+</u> 0.7	$1.99\pm0.06$	
Raleigh KNFSP	23.4 <u>+</u> 0.6	$1.37\pm0.04$	
Raleigh KFSP	15.2 <u>+</u> 0.4	0.99 <u>+</u> 0.03	
Raleigh 100's 100FSP	$16.0 \pm 0.4$	$1.12\pm0.02$	$17.5 \pm 0.4$
Raleigh Lights KFSP	8.3±0.3	$0.72 \pm 0.02$	$10.2 \pm 0.4$
Raleigh Lights 100's 100FSP	$9.8 \pm 0.4$	$0.84 \pm 0.04$	$13.5 \pm 0.6$
St. Moritz 100FSP	$14.3 \pm 0.3$	$1.18\pm0.02$	$14.4 \pm 0.4$
St. Moritz 100FMSP	14.5±0.3	$1.21\pm0.03$	
Salem KFMSP	14.8±0.3	$1.10\pm0.03$	_
Salem 100's 100FMSP	14.7 <u>+</u> 0.3	1.20±0.03	
Salem Lights KFMSP	8.4 <u>+</u> 0.2	0.67 <u>+</u> 0.02	
Salem Lights 100's 100FMSP Salem Ultra KFMSP	8.9±0.2	0.76±0.02	11.4±0.3
Salem Ultra 100s 100FMSP	4.2 <u>+</u> 0.2 4.4 <u>+</u> 0.2	0.43 <u>+</u> 0.02 0.44 <u>+</u> 0.02	4.9 <u>+</u> 0.2
Saratoga 120's 120FHP	14.0 <u>+</u> 0.5	$1.02\pm0.02$	6.4 <u>+</u> 0.3 15.5 <u>+</u> 0.7
Saratoga 120's 120FMHP	$14.0\pm0.3$ $14.0\pm0.4$	1.02±0.00 1.04±0.03	$15.3\pm0.7$ $15.1\pm0.4$
Silva Thins 100's 100FSP	12.2 <u>+</u> 0.5		
Silva Thins 100's 100FMSP		1.14 <u>+</u> 0.05	
Spring 100FMSP		1.15±0.03	$17.5 \pm 0.7$
Tall 120s 120FSP	$19.2 \pm 0.4$ $18.2 \pm 0.5$	$1.60\pm0.04$	$20.1 \pm 0.4$
Tall 120s 120FMSP		1.42 <u>+</u> 0.03	17.6 <u>+</u> 0.8
Tareyton KFSP	$14.8 \pm 0.4$	$1.12 \pm 0.03$	16.5 <u>+</u> 0.6
Tareyton 100's 100FSP	$14.3 \pm 0.4$	1.15 <u>+</u> 0.03	$17.1 \pm 0.6$
Tareyton Lights KFSP	$4.4 \pm 0.3$	$0.42 \pm 0.02$	$5.1 \pm 0.3$
Tareyton Long Lights 100FSP	$7.0 \pm 0.4$	0,68 <u>+</u> 0,04	7.5±0.5
Tareyton Ultra Low Tar KFMSP	1.0 <u>+</u> 0.3	0.13 <u>+</u> 0.03	$1.4 \pm 0.4$
Triumph KFSP	$2.2 \pm 0.1$	0.32 <u>+</u> 0.02	2.5 <u>+</u> 0.2
Triumph KFMSP	2.6 <u>+</u> 0.1	0.37 <u>+</u> 0.01	3.1 <u>+</u> 0.2
Triumph 100s 100FSP	$4.3 \pm 0.2$	0.54 <u>+</u> 0.02	$6.2 \pm 0.4$
Triumph 100s 100FMSP	$4.0\pm0.2$	0.50±0.02	5.8±0.3
True KFSP	$4.3 \pm 0.2$	0.43 <u>+</u> 0.02	<b>4.9<u>+</u>0.2</b>

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Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
True KFMSP	5.0±0.2	0.48 <u>+</u> 0.01	5.4 <u>+</u> 0.2
True 100's 100FSP	$7.1 \pm 0.3$	$0.64\pm0.02$	$8.8 \pm 0.4$
True 100's 100FMSP	$7.4 \pm 0.3$	$0.65 \pm 0.02$	$8.7 \pm 0.3$
Vantage KFSP	8.8 <u>+</u> 0.3	$0.71 \pm 0.02$	
Vantage KFMSP	8.6 <u>+</u> 0.2	0.68 <u>+</u> 0.02	$12.8 \pm 0.3$
Vantage 100s 100FSP	8.6±0.3	$0.71 \pm 0.02$	$12.6 \pm 0.6$
Vantage Ultra Lights KFSP	$4.0\pm0.2$	0.41 <u>+</u> 0.02	5.0 <u>+</u> 0.3
Vantage Ultra Lights 100s 100FSP	4.2 <u>+</u> 0.2	0.48 <u>+</u> 0.02	5.8 <u>+</u> 0.3
Viceroy KFSP	14.8 <u>+</u> 0.4	0.96 <u>+</u> 0.03	17.0 <u>+</u> 0.7
Viceroy Rich Lights KFSP	8.5 <u>+</u> 0.2	0.73 <u>+</u> 0.02	$10.7 \pm 0.4$
Viceroy Rich Lights 100FSP	9.4 <u>+</u> 0.3	$0.80\pm0.02$	$12.8 \pm 0.4$
Viceroy Super Long 100's 100FSP	14.8±0.4	1.08 <u>+</u> 0.03	17.8 <u>+</u> 0.5
Virginia Slims 100FSP	14.7 <u>+</u> 0.4	$1.07\pm0.02$	14.5 <u>+</u> 0.4
Virginia Slims 100FMSP	$14.6 \pm 0.2$	1.04 <u>+</u> 0.02	$13.5 \pm 0.3$
Virginia Slims Lights 100FHP	8.3 <u>+</u> 0.3	0.67 <u>+</u> 0.02	8.9 <u>+</u> 0.4
Virginia Slims Lights 100FMHP	7.8 <u>+</u> 0.3	$0.66 \pm 0.02$	$8.4 \pm 0.3$
Winston KFHP	16.3 <u>+</u> 0.4	$1.10\pm0.03$	$15.6 \pm 0.6$
Winston KFSP	$15.0 \pm 0.3$	1.07 <u>+</u> 0.02	17.0 <u>+</u> 0.4
Winston 100's 100FSP	14.6 <u>+</u> 0.4	$1.06\pm0.02$	14.8 <u>+</u> 0.5
Winston Lights KFSP	10.4 <u>+</u> 0.2	$0.83 \pm 0.02$	$11.2 \pm 0.3$
Winston Light 100's 100FSP	11.9 <u>+</u> 0.4	0.89 <u>+</u> 0.02	15.2 <u>+</u> 0.5
Winston Ultra Lights KFSP	3.9 <u>+</u> 0.2	0.42 <u>+</u> 0.02	4.8±0.3
Winston Ultra Lights 100's 100FSP	$4.7 \pm 0.2$	$0.46 \pm 0.02$	6.9 <u>+</u> 0.4
Winston International 100FHP	$18.1 \pm 0.4$	$1.40\pm0.03$	17.4 <u>±</u> 0.4

Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
L & M KFHP	14.6 <u>+</u> 0.5	1.06±0.04	15.0±0.4
Virginia Slims 100FMSP	$14.6 \pm 0.2$	$1.04 \pm 0.02$	13.5±0.3
Salem 100's 100FMSP	14.7±0.3	$1.20 \pm 0.03$	13.7±0.3
Virginia Slims 100FSP	14.7 <u>+</u> 0.4	1.07 <u>+</u> 0.02	$14.5 \pm 0.4$
Chesterfield 101 100FSP	$14.7 \pm 0.4$	$1.14 \pm 0.03$	16.7±0.5
Tareyton KFSP	$14.8 \pm 0.4$	1.12±0.03	16.5 <u>+</u> 0.6
Salem KFMSP	14.8±0.3	1.10 <u>+</u> 0.03	14.2±0.3
Marlboro KFMHP	14.8±0.5	$0.96 \pm 0.02$	14.3±0.3
Oasis KFMSP	$14.8 \pm 0.2$	$1.04\pm0.03$	$14.9 \pm 0.3$
Viceroy Super Long 100's 100FSP	$14.8 \pm 0.4$	1.08 <u>+</u> 0.03	17.8±0.5
Viceroy KFSP	$14.8 \pm 0.4$	$0.96 \pm 0.03$	$17.0 \pm 0.7$
Chesterfield KFSP	$14.9 \pm 0.4$	1.07 <u>+</u> 0.03	$15.1 \pm 0.4$
Lark KFSP	$14.9 \pm 0.4$	$1.19\pm0.03$	$14.1 \pm 0.4$
Winston KFSP	$15.0 \pm 0.3$	$1.07\pm0.02$	$17.0 \pm 0.4$
Galaxy KFSP	$15.1 \pm 0.4$	$1.03\pm0.03$	15.6±0.4
Raleigh KFSP	$15.2 \pm 0.4$	$0.99 \pm 0.03$	$17.6 \pm 0.4$
Benson & Hedges KFHP	$15.3 \pm 0.5$	1.24+0.04	12.8+0.4
Lark 100FSP	15.4±0.4	$1.30 \pm 0.04$	$14.6 \pm 0.4$
Philip Morris International 100FMHP		$1.03\pm0.03$	$15.9 \pm 0.4$
Camel Filters KFSP	$15.4 \pm 0.5$	1.11+0.03	
More 120FMSP	15.6 <u>+</u> 0.3	$1.31 \pm 0.03$	
Newport KFMHP	$15.8 \pm 0.3$	$1.19 \pm 0.03$	16.3 <u>+</u> 0.5
Montclair KFMSP	15.8 <u>+</u> 0.3	$1.11\pm0.03$	$16.1 \pm 0.4$
Long Johns 120FMSP	$15.9 \pm 0.5$	$1.43\pm0.04$	17.9±0.9
Benson & Hedges 100's 100FHP	$15.9 \pm 0.5$	$1.13\pm0.04$	15.5±0.5
Benson & Hedges 100's 100FMHP	15.9 <u>+</u> 0.4	$1.11 \pm 0.03$	
Tall 120s 120FMSP	16.0 <u>+</u> 0.4	$1.42 \pm 0.03$	
Raleigh 100's 100FSP	$16.0 \pm 0.4$	$1.12 \pm 0.02$	$17.5 \pm 0.4$
Pall Mall 100FSP	$16.0 \pm 0.4$	$1.31 \pm 0.03$	$16.6 \pm 0.5$
Benson & Hedges 100's 100FMSP	$16.2 \pm 0.4$	1.19 <u>+</u> 0.03	$16.5 \pm 0.4$
Winston KFHP	$16.3 \pm 0.4$	$1.10\pm0.03$	15.6 <u>+</u> 0.6
Kool KFMHP	16.3 <u>+</u> 0.4	1.21 <u>+</u> 0.03	16.9 <u>+</u> 0.4
Marlboro KFHP	16.3 <u>+</u> 0.4	1.12 <u>±</u> 0.03	14.9 <u>+</u> 0.4
Marlboro 100's 100FSP	16.4 <u>+</u> 0.5	1.18±0.04 1.18±0.03 1.28±0.03	$16.5 \pm 0.5$
Marlboro 100's 100FHP	16.5±0.4 16.7±0.5	1.18 <u>+</u> 0.03	17.1 <u>+</u> 0.5
More 120FSP			
Benson & Hedges 100's 100FSP	16.7 <u>+</u> 0.5	1.20 <u>+</u> 0.04	16.8 <u>+</u> 0.5
Marlboro KFSP	16.8 <u>+</u> 0.5	1.15 <u>+</u> 0.03	15.7 <u>+</u> 0.4
DuMaurier KFHP	16.8 <u>+</u> 0.8	1.15 <u>+</u> 0.06	18.8 <u>+</u> 0.7
Newport KFMSP	17.0 <u>+</u> 0.4	1.30 <u>+</u> 0.04	18.0 <u>+</u> 0.5
Old Gold Filters KFSP	$17.0 \pm 0.4$	$1.37\pm0.04$	19.1 <u>+</u> 0.5
Kool KFMSP	$17.0 \pm 0.4$	$1.23 \pm 0.03$	15.8 <u>+</u> 0.5
Picayune RNFSP	$17.1 \pm 0.6$	1.24 <u>+</u> 0.03	14.0 <u>+</u> 0.6
Philip Morris International 100FHP	$17.3 \pm 0.3$	1.20 <u>+</u> 0.03	$16.1 \pm 0.3$
Pall Mall KFSP	$17.6 \pm 0.4$	1.29 <u>+</u> 0.04	18.6 <u>+</u> 0.6
Half & Half KFSP	17.8±0.5	$1.51 \pm 0.04$	16.9 <u>+</u> 0.4
Max 120FMSP	17.9 <u>+</u> 0.4	1.54 <u>+</u> 0.02	16.7 <u>+</u> 0.6

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Brands	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Winston International 100FHP Tall 120s 120FSP	$18.1 \pm 0.4$ $18.2 \pm 0.5$	1.40±0.03 1.60±0.04	17.4 <u>+</u> 0.4 20.1 <u>+</u> 0.4
Max 120FSP	$18.5 \pm 0.4$	1.58 <u>+</u> 0.05	$17.5 \pm 0.4$
Long Johns 120FSP	$18.7 \pm 0.5$		$19.8 \pm 0.8$
Kool RNFMSP	18.7±0.6	$1.12\pm0.04$	14.5 <u>+</u> 0.5
Old Gold Filter 100's 100FSP	19.1 <u>+</u> 0.4	1,58 <u>+</u> 0,04	19.1 <u>+</u> 0.5
Spring 100FMSP	19.2 <u>+</u> 0.4	$1.15\pm0.03$	$17.5 \pm 0.7$
Newport 100FMSP	19.3 <u>+</u> 0.4	1.54 <u>+</u> 0.05	· — ·
Camel RNFSP	20.6 <u>+</u> 0.4	1.39 <u>+</u> 0.03	13.0 <u>+</u> 0.3
Chesterfield RNFSP	20.9 <u>+</u> 0.5	1.42 <u>+</u> 0.04	13.3 <u>+</u> 0.3
Philip Morris RNFSP	21.7 <u>+</u> 0.7	1.44 <u>+</u> 0.06	12.9 <u>+</u> 0.5
English Ovals RNFHP	21.7 <u>+</u> 0.5	1.77±0.06	$12.1 \pm 0.4$
Raleigh KNFSP	23.4 <u>+</u> 0.6	$1.37\pm0.04$	$17.6 \pm 0.6$
Lucky Strike RNFSP	$24.5 \pm 0.6$	$1.56 \pm 0.03$	
Players RNFHP	$24.5 \pm 0.7$		
Chesterfield KNFSP	$24.6 \pm 0.6$	$1.75 \pm 0.05$	· <del></del> ·
Pall Mall KNFSP	$24.8 \pm 0.6$	$1.70\pm0.04$	
English Ovals KNFHP	26.7 <u>+</u> 0.8	2.24 <u>+</u> 0.06	
Old Gold Straights KNFSP	26.9 <u>+</u> 0.6	$1.80\pm0.04$	$18.2 \pm 0.5$
Philip Morris Commander KNFSP	26.9 <u>+</u> 0.7		_
Herbert Tareyton KNFSP	27.6±0.7		
Bull Durham KFSP	29.1 <u>+</u> 0.6	2.10±0.06	23.1 <u>+</u> 0.4

NICOTINE RANKINGS
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Brands	Nicotine mg/cig	Tar mg/cig	CO mg/cig
Cambridge KFHP*	<0.02		0.1 <u>+</u> 0.04
Carlton KFHP*	<0.02	_	$0.0 \pm 0.03$
Now KFHP*	<0.02	-	$0.1 \pm 0.03$
Now 100s 100FHP*	<0.02	_	$0.1\pm0.03$
Carlton KFMSP	0.09 <u>+</u> 0.01	$0.4 \pm 0.1$	$1.1 \pm 0.1$
Carlton 100's 100FHP	$0.09\pm0.01$		0.8 <u>+</u> 0.1
Benson & Hedges RFHP	$0.09\pm0.01$		$1.7 \pm 0.2$
Cambridge KFSP	$0.10 \pm 0.01$		1.3 <u>+</u> 0.1
Carlton 100's 100FMHP	$0.10 \pm 0.02$		$0.8 \pm 0.2$
Barclay KFMSP	$0.12 \pm 0.01$	$1.0 \pm 0.2$	$1.5 \pm 0.2$
Barclay KFSP	$0.12 \pm 0.02$	$0.8 \pm 0.2$	
Carlton KFSP	$0.12 \pm 0.01$	$0.8 \pm 0.1$	1.8+0.1
Tareyton Ultra Low Tar KFMSP	$0.13\pm0.03$	$1.0\pm 0.3$	$1.4 \pm 0.4$
Now KFMSP	$0.13 \pm 0.01$	$0.9 \pm 0.1$	
Now KFSP	$0.14 \pm 0.01$	$0.9 \pm 0.1$	$1.7 \pm 0.1$
Barclay KFHP	$0.15 \pm 0.03$	$0.9 \pm 0.2$	$1.2 \pm 0.2$
Kool Ultra KFMSP	$0.18 \pm 0.03$	$1.7\pm0.3$	$1.7\pm0.3$
Now 100s 100FMSP	0.18 <u>+</u> 0.03 0.22 <u>+</u> 0.01	$1.7 \pm 0.1$	$1.6 \pm 0.1$
Now 100s 100FSP	$0.23\pm0.01$	1.8 <u>+</u> 0.1	1.8 <u>+</u> 0.1
Iceberg 100's 100FMSP	$0.28\pm0.01$		$3.6\pm0.2$
Barclay 100FMSP	$0.30 \pm 0.02$	2.9 <u>+</u> 0.2	
Barclay 100FSP	$0.32 \pm 0.02$		$2.6 \pm 0.2$
Triumph KFSP	$0.32 \pm 0.02$	$2.2 \pm 0.1$	$2.5 \pm 0.2$
Kent III KFSP	$0.32\pm0.02$ $0.33\pm0.01$ $0.33\pm0.01$	$2.4\pm0.1$	2.8+0.2
Merit Ultra Lights KFMSP	$0.33 \pm 0.01$	$3.3\pm0.2$	4.1+0.2
Merit Ultra Lights KFSP	$0.33 \pm 0.02$	$3.3 \pm 0.1$	4.3 <u>+</u> 0.3
Lucky 100's 100FSP	$0.34 \pm 0.01$	$3.2 \pm 0.1$	$5.0 \pm 0.2$
Cambridge 100's 100FSP	$0.37 \pm 0.01$	$3.3 \pm 0.1$	$5.6 \pm 0.2$
Triumph KFMSP	$0.37 \pm 0.01$	$2.6 \pm 0.1$	$3.1 \pm 0.2$
Doral II KFSP	0.40 <u>+</u> 0.02	4.1+0.2	3.9 <u>+</u> 0.2
Doral II KFMSP	$0.41 \pm 0.02$	4.0+0.2	3.6 <u>+</u> 0.2
Vantage Ultra Lights KFSP	$0.41 \pm 0.02$	$4.0 \pm 0.2$	5.0 <u>+</u> 0.3
Winston Ultra Lights KFSP	$0.42 \pm 0.02$	$3.9 \pm 0.2$	4.8 <u>+</u> 0.3
Tareyton Lights KFSP	0.42 <u>+</u> 0.02	4.4 <u>+</u> 0.3	5.1 <u>+</u> 0.3
Carlton 100's 100FSP	0.42 <u>+</u> 0.02	$4.1 \pm 0.3$	5.7 <u>+</u> 0.4
Kool Ultra 100's 100FMSP	$0.42 \pm 0.03$	4.0 <u>+</u> 0.3	3.7 <u>+</u> 0.3
True KFSP	$0.43 \pm 0.02$	$4.3 \pm 0.2$	4.9 <u>+</u> 0.2
Salem Ultra KFMSP	$0.43 \pm 0.02$	$4.2 \pm 0.2$	4.9 <u>+</u> 0.2
Carlton 100's 100FMSP	$0.43 \pm 0.03$	$4.1 \pm 0.3$	5.6 <u>+</u> 0.5
Salem Ultra 100s 100FMSP	0.44 <u>+</u> 0.02	$4.4\pm0.2$	6.4 <u>+</u> 0.3
Winston Ultra Lights 100's 100FSP	0.46 <u>+</u> 0.02	4.7 <u>+</u> 0.2	$6.9 \pm 0.4$
True KFMSP	0.48 <u>+</u> 0.01	5.0 <u>+</u> 0.2	5.4 <u>+</u> 0.2
Vantage Ultra Lights 100s 100FSP	0.48 <u>+</u> 0.02	4.2 <u>+</u> 0.2	5.8 <u>+</u> 0.3
Decade KFMSP	0.49 <u>+</u> 0.02	5.0 <u>+</u> 0.2	4.6 <u>+</u> 0.3
Triumph 100s 100FMSP	$0.50 \pm 0.02$	$4.0 \pm 0.2$	$5.8 \pm 0.3$

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<sup>\*</sup>Not possible to rank. Listed alphabetically.

<u>Brands</u>	Nicotine mg/cig	Tar mg/cig	CO mg/cig
Decade KFSP	0.50±0.02	5.0 <u>+</u> 0.2	4.9±0.3
Kent III 100FSP	$0.51 \pm 0.02$	$4.2 \pm 0.2$	$6.2\pm0.2$
Triumph 100s 100FSP	$0.54 \pm 0.02$	$4.3 \pm 0.2$	
Kool Super Lights KFMSP	0.55±0.02	6.3 <u>+</u> 0.3	
Merit KFMSP	0.58±0.02	7.5 <u>+</u> 0.3	
Carlton 120's 120FSP	0.58±0.02	$5.3\pm0.3$	$4.6\pm0.2$
Merit KFSP	$0.59\pm0.02$	7.7±0.3	
Northwind KFSP	0.59±0.01	$8.2 \pm 0.2$	
True 100's 100FSP	$0.64\pm0.02$	$7.1\pm0.3$	
Pall Mall Extra Light KFSP	0.64±0.02		
True 100's 100FMSP	0.65 <u>±</u> 0.02	7.4±0.3	
Northwind 100's 100FSP	0.66 <u>+</u> 0.02		
Carlton 120's 120FMSP	0 6610 03	8.7±0.3	
Virginia Slims Lights 100FMHP	0.66±0.02	5.9 <u>+</u> 0.3 7.8 <u>+</u> 0.3	
More Lights 100's 100FMHP	0.67±0.03	7 2 40 3	
Virginia Slims Lights 100FHP	0.0/±0.03	7.2±0.3	
Salem Lights KFMSP	0.67±0.02		
Tareyton Long Lights 100FSP	0.67±0.02	8.4±0.2	
	$0.68 \pm 0.04$	7.0±0.4	
Vantage KFMSP	0.68±0.02	8.6±0.2	
Parliament Lights KFHP	0.69 <u>+</u> 0.02	9.0±0.3	
Merit 100's 100FMSP	0.71±0.02	$9.1\pm0.2$	
Vantage 100s 100FSP	0.71±0.02	8.6±0.3	
Vantage KFSP	0.71±0.02	8.8±0.3	
Golden Lights KFSP	$0.72\pm0.03$	$7.4 \pm 0.3$	
More Lights 100's 100FHP	$0.72\pm0.02$	$8.4 \pm 0.2$	$9.5 \pm 0.2$
Kool Super Lights 100's 100FMSP	$0.72 \pm 0.03$	$9.5 \pm 0.3$	$12.0 \pm 0.4$
Omni 100FMSP	$0.72\pm0.02$	$7.1 \pm 0.2$	$6.6 \pm 0.2$
Raleigh Lights KFSP	0.72 <u>+</u> 0.02	$8.3 \pm 0.3$	
Camel Lights KFHP	$0.73 \pm 0.03$	7.5 <u>+</u> 0.3	$7.9 \pm 0.3$
Golden Lights 100's 100FMSP	$0.73\pm0.03$	7.2 <u>+</u> 0.4	7.5 <u>+</u> 0.5
Belair 100FMSP	$0.73 \pm 0.02$	$9.4 \pm 0.3$	
Viceroy Rich Lights KFSP	$0.73 \pm 0.02$	$8.5 \pm 0.2$	
Golden Lights KFMSP	$0.74 \pm 0.02$	7.8±0.3	8.3 <u>+</u> 0.4
Lucky Ten KFSP	$0.74 \pm 0.03$	8.6±0.3	10.6±0.3
Benson & Hedges Lights 100's 100FMSP	0.74 <u>+</u> 0.07	$10.0\pm0.3$	
Newport Lights KFMHP	0.74 <u>+</u> 0.02	8.3 <u>+</u> 0.3	9.1 <u>+</u> 0.3
Kool Lights KFMSP	0.74 <u>+</u> 0.02	8.9±0.2	$10.2 \pm 0.4$
Merit 100's 100FSP	0.74 <u>+</u> 0.02	$9.6 \pm 0.3$	12.1 <u>+</u> 0.4
Newport Lights KFMSP	0.74 <u>+</u> 0.03	8.3 <u>+</u> 0.3	9.1 <u>+</u> 0.4
Parliament Lights KFSP	0.74±0.02	9.4 <u>+</u> 0.3	10.8 <u>+</u> 0.2
Camel Lights KFSP	0.75 <u>+</u> 0.02	8.1 <u>+</u> 0.2	10.6 <u>+</u> 0.3
Salem Lights 100's 100FMSP	0.76 <u>+</u> 0.02	8.9 <u>+</u> 0.2	$11.4 \pm 0.3$
Marlboro Lights KFHP	0.76 <u>+</u> 0.02	$10.2 \pm 0.3$	11.8 <u>+</u> 0.3
Belair KFMSP	0.78 <u>+</u> 0.02	8.8 <u>+</u> 0.3	9.9 <u>+</u> 0.3
Golden Lights 100's 100FSP	0.80 <u>+</u> 0.03	8.0 <u>+</u> 0.3	8.2 <u>+</u> 0.5
Viceroy Rich Lights 100FSP	0.80 <u>+</u> 0.02	9.4 <u>+</u> 0.3	12.8 <u>+</u> 0.4
Marlboro Lights KFSP	0.82 <u>+</u> 0.02	$11.1\pm0.3$	$12.8 \pm 0.3$

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Brands mg/cig mg/cig mg/cig	
Newport Lights 100's 100FMSP 0.82±0.03 8.7±0.3 9.2±0 Benson & Hedges Multifilter KFMSP 0.83±0.03 10.9±0.5 10.6±0 Winston Lights KFSP 0.83+0.02 10.4±0.2 11.2±0	. 5
Winston Lights KFSP $0.83\pm0.02$ $10.4\pm0.2$ $11.2\pm0$ Benson & Hedges Lights 100's 100FSP $0.83\pm0.02$ $10.5\pm0.4$ $12.9\pm0$	
L & M Lights KFSP $0.83\pm0.02$ $8.1\pm0.3$ $7.0\pm0$	
L & M Lights 100FMSP $0.83\pm0.02$ $7.7\pm0.2$ $6.1\pm0$	
Decade 100's 100FSP $0.84\pm0.02$ $7.9\pm0.2$ $7.0\pm0$ Raleigh Lights 100's 100FSP $0.84\pm0.04$ $9.8\pm0.4$ $13.5\pm0$	
Demand A TV 7	
Benson & Hedges Lights 100's $100\text{FMHP}$ $0.85\pm0.03$ $10.5\pm0.3$ $12.1\pm0.9$ Benson & Hedges Multifilter KFSP $0.85\pm0.02$ $12.0\pm0.3$ $11.6\pm0.9$	
L & M Lights 100FSP $0.85\pm0.03$ $7.9\pm0.3$ $6.3\pm0.03$	
Marlboro Lights 100's 100FSP $0.85\pm0.02$ $10.8\pm0.3$ $12.7\pm0.$	
Benson & Hedges Lights 100's 100FHP 0.85±0.02 11.3±0.2 13.3±0.	. 3
Kool Milds KFMSP 0.86±0.03 10.8±0.4 12.1±0	
Pall Mall Light 100's 100FSP $0.86\pm0.02$ $9.0\pm0.3$ $8.5\pm0.01$ Old Gold Lights KFSP $0.88\pm0.03$ $8.9\pm0.4$ $10.0\pm0.04$	
Old Gold Lights KFSP $0.88\pm0.03$ $8.9\pm0.4$ $10.0\pm0.4$ Winston Light 100's 100FSP $0.89\pm0.02$ $11.9\pm0.4$ $15.2\pm0.4$	
Kool Lights 100's 100FMSP 0.89±0.03 10.6±0.3 11.2±0.	
Camel Lights 100's 100FSP $0.89\pm0.03$ $11.5\pm0.3$ $14.5\pm0.3$	
Marlboro KFMSP $0.91\pm0.02  13.9\pm0.3  13.8\pm0.$	
Parliament Lights 100's 100FSP $0.92\pm0.03$ $11.2\pm0.3$ $11.3\pm0.0$	
Kool Milds 100FMSP $0.92\pm0.03$ $11.6\pm0.3$ $13.5\pm0.0$	
Alpine KFMSP $0.92\pm0.03$ $14.1\pm0.3$ $14.1\pm0.$ Marlboro KFMHP $0.96\pm0.02$ $14.8\pm0.5$ $14.3\pm0.$	
44. mass.	
7.37 6 7.001 7.001	
Raleigh KFSP $0.98\pm0.03$ $13.7\pm0.4$ $16.1\pm0.$ $0.99\pm0.03$ $15.2\pm0.4$ $17.6\pm0.$	
Kent Micronite II KFHP 1.00±0.03 12.8±0.4 13.0±0.	
Kent Micronite II KFSP $1.01\pm0.03$ $12.2\pm0.3$ $12.3\pm0.$	
Saratoga 120's 120FHP $1.02\pm0.06$ $14.0\pm0.5$ $15.5\pm0.$	
Galaxy KFSP $1.03\pm0.03$ $15.1\pm0.4$ $15.6\pm0.4$	
Eve Lights 100's 100FMSP 1.03±0.03 12.6±0.3 13.3±0.	
Philip Morris International 100FMHP $1.03\pm0.03$ $15.4\pm0.4$ $15.9\pm0.$ Virginia Slims 100FMSP $1.04\pm0.02$ $14.6\pm0.2$ $13.5\pm0.$	
7.001	
Saratoga 120's 120FMHP $1.04\pm0.03$ $14.0\pm0.4$ $15.1\pm0.$ Oasis KFMSP $1.04\pm0.03$ $14.8\pm0.2$ $14.9\pm0.$	
Eve Lights 100's 100FSP $1.05\pm0.03$ $12.5\pm0.4$ $13.6\pm0.$	
Winston 100's 100FSP $1.06\pm0.02$ $14.6\pm0.4$ $14.8\pm0.4$	
L & M KFHP $1.06\pm0.04$ $14.6\pm0.5$ $15.0\pm0.$	
Winston KFSP $1.07\pm0.02$ $15.0\pm0.3$ $17.0\pm0.$	
Chesterfield KFSP $1.07\pm0.03$ $14.9\pm0.4$ $15.1\pm0$ .	
L & M KFSP 1.07±0.03 14.6±0.4 15.4±0.	
Virginia Slims 100FSP $1.07\pm0.02$ $14.7\pm0.4$ $14.5\pm0.$ Viceroy Super Long 100's 100FSP $1.08\pm0.03$ $14.8\pm0.4$ $17.8\pm0.$	
Viceroy Super Long 100's 100FSP $1.08\pm0.03$ $14.8\pm0.4$ $17.8\pm0.$ Lark Lights KFSP $1.09\pm0.03$ $13.7\pm0.4$ $13.3\pm0.$	
Winston KFHP $1.10\pm0.03$ $16.3\pm0.4$ $15.6\pm0.$	
Salem KFMSP $1.10\pm0.03$ $14.8\pm0.3$ $14.2\pm0$ .	

Brands	Nicotine mg/cig	Tar mg/cig	CO mg/cig
Winston International 100FHP	1.40±0.03	18.1 <u>±</u> 0.4	17.4 <u>+</u> 0.4
Chesterfield RNFSP	$1.42 \pm 0.04$	$20.9 \pm 0.5$	$13.3 \pm 0.3$
Tall 120s 120FMSP	$1.42 \pm 0.03$	$16.0 \pm 0.4$	$17.6 \pm 0.8$
Long Johns 120FMSP	$1.43\pm0.04$	15.9 <u>+</u> 0.5	$17.9 \pm 0.9$
Philip Morris RNFSP	$1.44 \pm 0.06$	$21.7\pm0.7$	$12.9\pm0.5$
Half & Half KFSP	$1.51\pm0.04$	$17.8 \pm 0.5$	$16.9 \pm 0.4$
Max 120FMSP	$1.54 \pm 0.02$	$17.9 \pm 0.4$	$16.7 \pm 0.6$
Newport 100FMSP	1.54 <u>+</u> 0.05	$19.3 \pm 0.4$	19.7 <u>+</u> 0.5
Lucky Strike RNFSP	1.56 <u>+</u> 0.03	24.5 <u>+</u> 0.6	16.9 <u>+</u> 0.4
Max 120FSP	$1.58 \pm 0.05$	18.5 <u>+</u> 0.4	$17.5 \pm 0.4$
Old Gold Filter 100's 100FSP	1.58 <u>+</u> 0.04	19.1 <u>+</u> 0.4	$19.1 \pm 0.5$
Long Johns 120FSP	1.59 <u>+</u> 0.04	18.7 <u>±</u> 0.5	19.8 <u>+</u> 0.8
Tall 120s 120FSP	1.60 <u>+</u> 0.04	18.2 <u>+</u> 0.5	20.1 <u>+</u> 0.4
Pall Mall KNFSP	1.70 <u>+</u> 0.04	24.8 <u>+</u> 0.6	17.4 <u>+</u> 0.4
Chesterfield KNFSP	1.75 <u>+</u> 0.05	24.6±0.6	15.6 <u>+</u> 0.6
English Ovals RNFHP	1.77 <u>+</u> 0.06	21.7 <u>+</u> 0.5	12.1 <u>+</u> 0.4
Old Gold Straights KNFSP	1.80 <u>+</u> 0.04	26.9 <u>+</u> 0.6	18.2 <u>+</u> 0.5
Philip Morris Commander KNFSP	1.83 <u>+</u> 0.05	26.9 <u>+</u> 0.7	16.1 <u>+</u> 0.6
Herbert Tareyton KNFSP	1.94 <u>+</u> 0.05	27.6 <u>+</u> 0.7	19.2 <u>+</u> 0.6
Players RNFHP	1.99 <u>+</u> 0.06	24.5 <u>+</u> 0.7	14.9 <u>+</u> 0.6
Bull Durham KFSP	2.10 <u>+</u> 0.06		
English Ovals KNFHP	$2.24 \pm 0.06$	26.7 <u>±</u> 0.8	14.4 <u>+</u> 0.6

CARBON MONOXIDE RANKINGS
208 BRANDS

Brands	CO mg/cig	Tar mg/cig	Nicotine mg/cig
Carlton KFHP	0.0 <u>+</u> 0.03	_	<0.02
Cambridge KFHP	$0.1\pm0.04$	_	<0.02
Now 100s 100FHP	$0.1 \pm 0.03$	_	<0.02
Now KFHP	$0.1\pm0.03$	_	<0.02
Carlton 100's 100FHP	$0.8 \pm 0.1$	0.4+0.1	
Carlton 100's 100FMHP	0.8 <u>+</u> 0.2	0.4 <u>+</u> 0.1 0.6 <u>+</u> 0.1	$0.10\pm0.02$
Barclay KFSP	$1.0\pm0.2$	$0.8\pm0.2$	$0.12\pm0.02$
Carlton KFMSP	$1.1\pm0.1$	$0.4\pm0.1$	$0.09\pm0.01$
Barclay KFHP	$1.2\pm0.2$	$0.9 \pm 0.2$	
Cambridge KFSP	$1.3 \pm 0.1$	$0.6\pm0.1$	$0.10\pm0.01$
Tareyton Ultra Low Tar KFMSP			
Barclay KFMSP	1.4±0.4 1.5±0.2	1.0±0.3 1.0±0.2	$0.12\pm0.01$
Now 100s 100FMSP	1.6 <u>+</u> 0.1	1.7±0.1	$0.22 \pm 0.01$
Now KFMSP	$1.7\pm0.2$	$0.9 \pm 0.1$	$0.13 \pm 0.01$
Benson & Hedges RFHP	$1.7\pm0.2$		$0.09\pm0.01$
Kool Ultra KFMSP	$1.7\pm0.3$	$1.7\pm0.3$	
Now KFSP	1.7+0.1	0.9+0.1	
Now 100s 100FSP	1.7±0.1 1.8±0.1 1.8±0.1	0.9±0.1 1.8±0.1	0.23±0.01
Carlton KFSP	1.8+0.1	$0.8 \pm 0.1$	$0.12\pm0.01$
Triumph KFSP	2.5 <u>+</u> 0.2	$2.2 \pm 0.1$	0.32 <u>+</u> 0.02
Barclay 100FSP	$2.6 \pm 0.2$		$0.32 \pm 0.02$
Barclay 100FMSP	2.7±0.2		$0.30\pm0.02$
Kent III KFSP	2.8±0.2	2.4±0.1	$0.33 \pm 0.01$
Triumph KFMSP	$3.1 \pm 0.2$	$2.6 \pm 0.1$	0.37±0.01
Iceberg 100's 100FMSP	3.6±0.2	2.5±0.1	$0.28 \pm 0.01$
Doral II KFMSP	$3.6 \pm 0.2$	$4.0 \pm 0.2$	$0.41\pm0.02$
Kool Ultra 100's 100FMSP	3.7 <u>+</u> 0.3	$4.0 \pm 0.3$	
Doral II KFSP	$3.9 \pm 0.2$	$4.1 \pm 0.2$	$0.40 \pm 0.02$
Merit Ultra Lights KFMSP	4.1 <u>+</u> 0.2	3.3 <u>+</u> 0.2	$0.33\pm0.01$
Merit Ultra Lights KFSP	4.3±0.3 4.6±0.3 4.6±0.2	$3.3 \pm 0.1$	$0.33\pm0.02$
Decade KFMSP	4.6±0.3	$5.0 \pm 0.2$	0.49 <u>+</u> 0.02
Carlton 120's 120FSP	$4.6 \pm 0.2$	$5.3 \pm 0.3$	$0.58 \pm 0.02$
Winston Ultra Lights KFSP	4.8 <u>+</u> 0.3	3.9 <u>+</u> 0.2	0.42 <u>+</u> 0.02
Salem Ultra KFMSP	4.9 <u>+</u> 0.2		$0.43 \pm 0.02$
True KFSP	$4.9 \pm 0.2$		0.43 <u>+</u> 0.02
Decade KFSP	4.9 <u>+</u> 0.3	$5.0 \pm 0.2$	$0.50 \pm 0.02$
Lucky 100's 100FSP	$5.0 \pm 0.2$	$3.2 \pm 0.1$	$0.34\pm0.01$
Vantage Ultra Lights KFSP	5.0 <u>+</u> 0.3	$4.0 \pm 0.2$	$0.41 \pm 0.02$
Tareyton Lights KFSP	5.1 <u>+</u> 0.3	4.4 <u>+</u> 0.3	0.42 <u>+</u> 0.02
Carlton 120's 120FMSP	5.2 <u>+</u> 0.2	5.9 <u>+</u> 0.3	0.66 <u>+</u> 0.03
True KFMSP	5.4 <u>+</u> 0.2	5.0 <u>+</u> 0.2	$0.48 \pm 0.01$
Carlton 100's 100FMSP	5.6 <u>+</u> 0.5	4.1 <u>+</u> 0.3	0.43 <u>+</u> 0.03
Cambridge 100's 100FSP	5.6±0.2	3.3 <u>±</u> 0.1	0.37 <u>+</u> 0.01
Carlton 100's 100FSP	5.7 <u>+</u> 0.4	$4.1 \pm 0.3$	$0.42 \pm 0.02$
Vantage Ultra Lights 100s 100FSP	5.8 <u>+</u> 0.3	4.2±0.2	0.48 <u>+</u> 0.02
Triumph 100s 100FMSP	5.8 <u>+</u> 0.3	4.0 <u>+</u> 0.2	0.50 <u>+</u> 0.02
L & M Lights 100FMSP	6.1 <u>+</u> 0.3	7.7 <u>+</u> 0.2	0.83 <u>+</u> 0.02

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<u>Brands</u>	CO mg/cig	Tar mg/cig	Nicotine mg/cig
Triumph 100s 100FSP	6.2 <u>+</u> 0.4	4.3 <u>+</u> 0.2	0.54 <u>+</u> 0.02
Kent III 100FSP	6.2 <u>+</u> 0.2	4.2 <u>+</u> 0.2	0.51±0.02
L & M Lights 100FSP	6 3±0 2	7.9 <u>+</u> 0.3	0.85±0.03
Salem Ultra 100s 100FMSP	$6.3\pm0.2$ $6.4\pm0.3$	$4.4\pm0.2$	
Omni 100FMSP	$6.6\pm0.2$	7.1 <u>+</u> 0.2	
Kool Super Lights KFMSP	$6.8\pm0.4$		
Winston Ultra Lights 100's 100FSP	6 0±0 4	4.7±0.2	
Decade 100's 100FSP	$6.9\pm0.4$	7 0+0 2	0.48 <u>+</u> 0.02
L & M Lights KFSP	7.0 <u>+</u> 0.3 7.0 <u>+</u> 0.3	7.9 <u>+</u> 0.2 8.1+0.3	0.04 <u>+</u> 0.02
Pall Mall Extra Light KFSP	7.0 <u>+</u> 0.3 7.2 <u>+</u> 0.2	6.1 <u>7</u> 0.3	0.83 <u>+</u> 0.02
Golden Lights 100's 100FMSP	7.2 <u>+</u> 0.2 7.5 <u>+</u> 0.5	$6.4\pm0.2$	0.64 <u>+</u> 0.02
Tarouton Long Lights 100FCD	7.5 <u>+</u> 0.5	$7.2 \pm 0.4$	
Tareyton Long Lights 100FSP			
Camel Lights KFHP	7.9 <u>+</u> 0.3		
Golden Lights KFSP	8.0 <u>+</u> 0.3	$7.4 \pm 0.3$	0.72 <u>+</u> 0.03
Golden Lights 100's 100FSP	8.2±0.5 8.3±0.4 8.4±0.3	8.0±0.3	0.80 <u>+</u> 0.03
Golden Lights KFMSP	8.3 <u>+</u> 0.4	7.8 <u>+</u> 0.3	0.74 <u>+</u> 0.02
Virginia Slims Lights 100FMHP	8.4 <u>+</u> U.3	7.8±0.3	0.66±0.02
Pall Mall Light 100's 100FSP	$8.5 \pm 0.3$		
True 100's 100FMSP	8.7 <u>+</u> 0.3	$7.4 \pm 0.3$	0.65 <u>+</u> 0.02
True 100's 100FSP	8.8±0.4	/.1±0.3	$0.64 \pm 0.02$
Virginia Slims Lights 100FHP	8.9 <u>+</u> 0.4	8.3±0.3	0.67 <u>+</u> 0.02
Newport Lights KFMHP	9.1 <u>+</u> 0.3	7.1±0.3 8.3±0.3 8.3±0.3 8.3±0.3	$0.74 \pm 0.02$
Newport Lights KFMSP	9.1 <u>+</u> 0.4	8.3±0.3	$0.74 \pm 0.03$
More Lights 100's 100FMHP		$7.2\pm0.3$	
Newport Lights 100's 100FMSP	9.2 <u>+</u> 0.4		
More Lights 100's 100FHP	$9.5 \pm 0.2$	$8.4\pm0.2$	0.72 <u>+</u> 0.02
Parliament Lights KFHP	9.6 <u>+</u> 0.3	$9.0\pm0.3$	0.69 <u>+</u> 0.02
Belair KFMSP	9.9 <u>+</u> 0.3	8.8 <u>+</u> 0.3	0.78 <u>+</u> 0.02
Old Gold Lights KFSP	10.0±0.5	9.0±0.3 8.8±0.3 8.9±0.4 7.5±0.3	$0.88\pm0.03$
Merit KFMSP	10.0 <u>+</u> 0.3	7.5±0.3	$0.58 \pm 0.02$
Raleigh Lights KFSP	10.2±0.4	$8.3\pm0.3$ $11.9\pm0.5$	0.72 <u>+</u> 0.02
Silva Thins 100's 100FMSP	10.2 <u>+</u> 0.4	11.9±0.5	1.14±0.05
Kool Lights KFMSP	10.2±0.4	8.9±0.2 7.7±0.3 12.2±0.5 8.6±0.3	0.74±0.02
Merit KFSP	10.3 <u>+</u> 0.4	/./ <u>+</u> U.3	0.59 <u>+</u> 0.02
Silva Thins 100's 100FSP	10.4 <u>+</u> 0.4	12.2±0.5	$1.15\pm0.04$
Lucky Ten KFSP	10.6±0.3	8.6 <u>+</u> U.3	0.74±0.03
Northwind KFSP	10.6 <u>+</u> 0.3	-	
Benson & Hedges Multifilter KFMSP	10.6±0.5	10.9 <u>+</u> 0.5	$0.83 \pm 0.03$
Camel Lights KFSP	10.6±0.3	$8.1\pm0.2$	0.75±0.02
Salem Lights KFMSP	$10.7 \pm 0.3$	8.4±0.2	0.67±0.02
Viceroy Rich Lights KFSP	$10.7 \pm 0.4$	8.5 <u>+</u> 0.2	$0.73 \pm 0.02$
Parliament Lights KFSP	10.8±0.2	9.4 <u>+</u> 0.3	$0.74\pm0.02$
Northwind 100's 100FSP	$10.9 \pm 0.2$	8.7 <u>+</u> 0.3	$0.66 \pm 0.02$
Kool Lights 100's 100FMSP	11.2±0.3	10.6 <u>+</u> 0.3	0.89 <u>+</u> 0.03
Winston Lights KFSP	$11.2 \pm 0.3$	$10.4\pm0.2$	$0.83 \pm 0.02$
Merit 100's 100FMSP	$11.2 \pm 0.3$	$9.1\pm0.2$	$0.71\pm0.02$
Parliament Lights 100's 100FSP	$11.3 \pm 0.3$	11.2 <u>+</u> 0.3	0.92 <u>+</u> 0.03

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D	co .	Tar	Nicotine
Brands	mg/cig	mg/cig	mg/cig
Salem Lights 100's 100FMSP	$11.4 \pm 0.3$	8.9 <u>+</u> 0.2	0.76 <u>+</u> 0.02
Eve Lights 120's 120FHP	11.4 <u>+</u> 0.6	13.5 <u>+</u> 0.5	1.17 <u>+</u> 0.04
Benson & Hedges Multifilter KFSP	11.6 <u>+</u> 0.3	$12.0 \pm 0.3$	$0.85 \pm 0.02$
Benson & Hedges Lights 100's 100FMSP	$11.6 \pm 0.4$	$10.0 \pm 0.3$	$0.74 \pm 0.07$
Eve Lights 120's 120FMHP	$11.7\pm0.4$	13.7 <u>+</u> 0.3	$1.19 \pm 0.03$
Marlboro Lights KFHP	11.8 <u>+</u> 0.3	10.2 <u>+</u> 0.3	0.76±0.02
Belair 100FMSP	11.8±0.3	9.4±0.3	$0.73 \pm 0.02$
Kool Super Lights 100's 100FMSP	12.0±0.4	$9.5\pm0.3$	0.72 <u>+</u> 0.03
Benson & Hedges Lights 100's 100FMHP	12.1 <u>+</u> 0.5	10.5±0.3	0.85±0.03
Merit 100's 100FSP	$12.1\pm0.4$	9.6±0.3	$0.03\pm0.03$ $0.74\pm0.02$
English Ovals RNFHP	12.1±0.4 12.1±0.4		
Kool Milds KFMSP		21.7 <u>+</u> 0.5	1.77±0.06
	12.1±0.4	10.8±0.4	0.86 <u>+</u> 0.03
Kent Micronite II KFSP	12.3±0.4	12.2±0.3	$1.01\pm0.03$
Vantage 100s 100FSP	12.6±0.6	$8.6 \pm 0.3$	$0.71 \pm 0.02$
Marlboro Lights 100's 100FSP	12.7 <u>+</u> 0.5	10.8 <u>+</u> 0.3	0.85 <u>+</u> 0.02
Vantage KFMSP	12.8 <u>+</u> 0.3	8.6 <u>+</u> 0.2	0.68 <u>+</u> 0.02
Pall Mall Light 100's 100FMSP	12.8 <u>+</u> 0.3	12.8 <u>+</u> 0.3	1.14 <u>+</u> 0.03
Marlboro Lights KFSP	12.8 <u>+</u> 0.3	$11.1 \pm 0.3$	0.82 <u>+</u> 0.02
Benson & Hedges KFHP	12.8 <u>+</u> 0.4	15.3 <u>+</u> 0.5	1.24 <u>+</u> 0.04
Viceroy Rich Lights 100FSP	12.8 <u>+</u> 0.4	9.4 <u>+</u> 0.3	$0.80 \pm 0.02$
Philip Morris RNFSP	$12.9 \pm 0.5$	$21.7\pm0.7$	$1.44 \pm 0.06$
Benson & Hedges Lights 100's 100FSP	$12.9 \pm 0.6$	$10.5 \pm 0.4$	0.83 <u>+</u> 0.02
Vantage KFSP	12.9 <u>+</u> 0.3	8.8 <u>+</u> 0.3	$0.71 \pm 0.02$
Kent Micronite II KFHP	13.0±0.5	12.8±0.4	$1.00\pm0.03$
Camel RNFSP	13.0±0.3	$20.6 \pm 0.4$	1.39 <u>+</u> 0.03
Chesterfield RNFSP	$13.3 \pm 0.3$	20.9±0.5	1.42±0.04
Eve Lights 100's 100FMSP	13.3±0.5	12.6±0.3	1.03±0.03
Lark Lights KFSP	$13.3\pm0.4$	13.7 <u>+</u> 0.4	1.09±0.03
Benson & Hedges Lights 100's 100FHP	$13.3 \pm 0.3$	$11.3\pm0.2$	$0.85\pm0.02$
Raleigh Lights 100's 100FSP	13.5 <u>+</u> 0.6	9.8 <u>+</u> 0.4	$0.84 \pm 0.04$
Kool Milds 100FMSP	$13.5\pm0.3$	11.6 <u>+</u> 0.3	0.92 <u>+</u> 0.03
Virginia Slims 100FMSP	13.5 <u>+</u> 0.3	14.6±0.2	$1.04\pm0.02$
Kent Micronite II 100FMSP	13.6±0.4	14.0 <u>±</u> 0.2	1.26±0.03
Kent Micronite II 100FSP		$14.3 \pm 0.3$ $14.2 \pm 0.4$	
	13.6±0.5	14.2 <u>T</u> V.4	1.17 <u>+</u> 0.03
Eve Lights 100's 100FSP	13.6±0.5	$12.5\pm0.4$	1.05±0.03
Salem 100's 100FMSP	13.7 <u>+</u> 0.3	$14.7\pm0.3$	1.20 <u>+</u> 0.03
Marlboro KFMSP	13.8±0.4	13.9 <u>+</u> 0.3	$0.91 \pm 0.02$
Lark Lights 100's 100FSP	$13.9 \pm 0.4$	14.4±0.4	$1.21 \pm 0.03$
Picayune RNFSP	14.0±0.6	$17.1 \pm 0.6$	$1.24\pm0.03$
Alpine KFMSP	$14.1 \pm 0.4$	$14.1 \pm 0.3$	$0.92 \pm 0.03$
Lark KFSP	$14.1 \pm 0.4$	$14.9 \pm 0.4$	$1.19\pm0.03$
Salem KFMSP	$14.2 \pm 0.3$	14.8 <u>+</u> 0.3	1.10 <u>+</u> 0.03
Newport Red KFHP	14.2±0.3	12.8 <u>+</u> 0.2	$1.11 \pm 0.03$
Marlboro KFMHP	14.3 <u>+</u> 0.3	14.8 <u>+</u> 0.5	0.96 <u>+</u> 0.02
St. Moritz 100FSP	14.4 <u>+</u> 0.4	14.3 <u>+</u> 0.3	1.18 <u>+</u> 0.02
English Ovals KNFHP	14.4 <u>+</u> 0.6	26.7 <u>+</u> 0.8	2.24 <u>+</u> 0.06
Virginia Slims 100FSP	14.5 <u>+</u> 0.4	14.7 <u>+</u> 0.4	1.07 <u>+</u> 0.02

<u>Brands</u>	CO mg/cig	Tar mg/cig	Nicotine mg/cig
Kool RNFMSP	14.5 <u>+</u> 0.5	18.7 <u>+</u> 0.6	1.12 <u>+</u> 0.04
Kool RNFMSP Camel Lights 100's 100FSP	14.5 <u>+</u> 0.3	11.5 <u>+</u> 0.3	$0.89\pm0.03$
Lark 100FSP	14.6+0.4	15.4+0.4	1.30+0.04
St. Moritz 100FMSP	14.7+0.5	14.5+0.3	1.21±0.03
Lark 100FSP St. Moritz 100FMSP Newport Red KFSP Winston 100's 100FSP Oasis KFMSP Marlboro KFHP Players RNFHP L & M KFHP Saratoga 120's 120FMHP	14.8+0.4	13.1+0.3	1.11+0.02
Winston 100's 100FSP	14.8+0.5	14.6+0.4	1.06+0.02
Oasis KFMSP	14.9+0.3	14.8+0.2	1.04+0.03
Marlboro KFHP	14.9+0.4	16.3+0.4	1.12+0.03
Players RNFHP	14.9+0.6	24.5+0.7	1.99+0.06
L & M KFHP	15.0+0.4	14.6+0.5	1.06+0.04
Saratoga 120's 120FMHP	15.1+0.4	14.0+0.4	1.04+0.03
Chesterfield KFSP	15.1+0.4	14.9+0.4	1.07+0.03
Winston Light 100's 100FSP	15.2+0.5	11.9+0.4	0.89 + 0.02
Camel Filters KFSP	15.3+0.6	15.4+0.5	1.11+0.03
L & M KFSP	15.4+0.6	14.6+0.4	1.07+0.03
Benson & Hedges 100's 100FMHP	15.4+0.3	15.9+0.4	1.11+0.03
Saratoga 120's 120FHP	15.5+0.7	14.0+0.5	1.02+0.06
Benson & Hedges 100's 100FHP	15.5+0.5	15.9+0.5	1.13+0.04
Chesterfield KNFSP	15.6±0.6	24.6+0.6	1.75+0.05
Galaxy KFSP	15.6+0.4	15.1+0.4	1.03+0.03
Winston KFHP	15.6+0.6	16.3+0.4	1.10+0.03
Marlboro KFSP	15.7±0.4	$16.8 \pm 0.5$	$1.15 \pm 0.03$
Kool KFMSP	$15.8 \pm 0.5$	18.7±0.6 11.5±0.3 15.4±0.4 14.5±0.3 14.6±0.4 14.8±0.2 16.35±0.7 14.6±0.4 14.9±0.4 11.9±0.4 11.9±0.4 11.9±0.4 15.4±0.5 14.6±0.4 15.9±0.4 15.9±0.4 15.9±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.3±0.4 16.4±0.5 17.3±0.3 14.5±0.4 16.4±0.5 14.6±0.4 16.4±0.5 14.6±0.4 16.4±0.5 14.6±0.4 16.4±0.4 16.4±0.4 16.4±0.5	1.23+0.03
Philip Morris International 100FMHP	$15.9\pm0.4$	$15.4\pm0.4$	$1.03\pm0.03$
Kool Super Longs 100's 100FMSP	$16.1 \pm 0.7$	$13.7\pm0.4$	$0.98 \pm 0.03$
Philip Morris International 100FHP	16.1 <u>+</u> 0.3	17.3 <u>+</u> 0.3	1.20 <u>+</u> 0.03
Montclair KFMSP	16.1 <u>+</u> 0.4	15.8 <u>+</u> 0.3	$1.11 \pm 0.03$
Philip Morris Commander KNFSP	$16.1 \pm 0.6$	26.9 <u>+</u> 0.7	$1.83 \pm 0.05$
Newport KFMHP	$16.3 \pm 0.5$	15.8 <u>+</u> 0.3	1.19 <u>+</u> 0.03
L & M 100FSP	16.4 <u>+</u> 0.4	14.5 <u>+</u> 0.4	1.14 <u>+</u> 0.03
Marlboro 100's 100FSP	$16.5 \pm 0.5$	$16.4 \pm 0.5$	$1.18 \pm 0.04$
Tareyton KFSP	$16.5 \pm 0.6$	14.8 <u>+</u> 0.4	1.12 <u>+</u> 0.03
Benson & Hedges 100's 100FMSP	16.5±0.4	16.2 <u>+</u> 0.4	1.19±0.03
Pall Mall 100FSP	16.5±0.4 16.6±0.5 16.7±0.5	16.0±0.4 14.7±0.4 17.9±0.4	1.31 <u>+</u> 0.03
Chesterfield 101 100FSP	16.7 <u>+</u> 0.5	14.7 <u>+</u> 0.4	1.14 <u>+</u> 0.03
Max 120FMSP	16.7 <u>+</u> 0.6	17.9 <u>+</u> 0.4	1.54 <u>+</u> 0.02
Benson & Hedges 100's 100FSP	16.8 <u>+</u> 0.5	16.7 <u>+</u> 0.5	1.20 <u>+</u> 0.04
Half & Half KFSP	16.9 <u>+</u> 0.4	17.8 <u>+</u> 0.5	$1.51 \pm 0.04$
Lucky Strike RNFSP	16.9 <u>+</u> 0.4		1.56 <u>+</u> 0.03
Kool KFMHP	16.9 <u>+</u> 0.4	16.3 <u>+</u> 0.4	$1.21 \pm 0.03$
Winston KFSP	17.0 <u>+</u> 0.4	15.0 <u>+</u> 0.3	1.07 <u>+</u> 0.02
Viceroy KFSP	17.0 <u>+</u> 0.7	14.8 <u>+</u> 0.4	0.96 <u>+</u> 0.03
Tareyton 100's 100FSP	17.1 <u>+</u> 0.6	14.3 <u>+</u> 0.4	1.15 <u>+</u> 0.03
Marlboro 100's 100FHP	17.1 <u>+</u> 0.5	16.5 <u>+</u> 0.4	1.18 <u>+</u> 0.03
Winston International 100FHP	17.4 <u>+</u> 0.4	$18.1 \pm 0.4$	
Pall Mall KNFSP	$17.4 \pm 0.4$	$24.8 \pm 0.6$	
Raleigh 100's 100FSP	17.5 <u>+</u> 0.4	$16.0 \pm 0.4$	$1.12\pm0.02$

Brands	CO mg/cig	Tar mg/cig	Nicotine mg/cig
Max 120FSP	17.5±0.4	18.5±0.4	1.58±0.05
Spring 100FMSP	17.5 <u>+</u> 0.7		1.15+0.03
Raleigh KFSP	$17.6 \pm 0.4$	_	$0.99 \pm 0.03$
Tall 120s 120FMSP	$17.6 \pm 0.8$		$1.42\pm0.03$
Raleigh KNFSP	17.6 <u>+</u> 0.6		$1.37\pm0.04$
Viceroy Super Long 100's 100FSP	17.8 <u>+</u> 0.5	14.8 <u>+</u> 0.4	1.08 <u>+</u> 0.03
Long Johns 120FMSP	17.9 <u>+</u> 0.9	15.9 <u>+</u> 0.5	1.43 <u>+</u> 0.04
Newport KFMSP	18.0 <u>+</u> 0.5		1.30 <u>+</u> 0.04
Old Gold Straights KNFSP	18.2 <u>+</u> 0.5	26.9 <u>+</u> 0.6	1.80 <u>+</u> 0.04
Pall Mall KFSP	18.6 <u>+</u> 0.6		$1.29 \pm 0.04$
DuMaurier KFHP	18.8 <u>+</u> 0.7		1.15±0.06
Old Gold Filters KFSP	19.1 <u>+</u> 0.5		_
Old Gold Filter 100's 100FSP	19.1 <u>+</u> 0.5		1.58 <u>+</u> 0.04
Herbert Tareyton KNFSP	19.2 <u>+</u> 0.6		1.94 <u>+</u> 0.05
Newport 100FMSP	19.7 <u>+</u> 0.5		$1.54 \pm 0.05$
Long Johns 120FSP	19.8 <u>+</u> 0.8		1.59±0.04
More 120FMSP	19.8±0.6		$1.31\pm0.03$
Tall 120s 120FSP	$20.1 \pm 0.4$		$1.60\pm0.04$
More 120FSP	$20.7 \pm 0.6$		1.28±0.03
Bull Durham KFSP	23.1 <u>+</u> 0.4	29.1 <u>+</u> 0.6	2.10 <u>+</u> 0.06